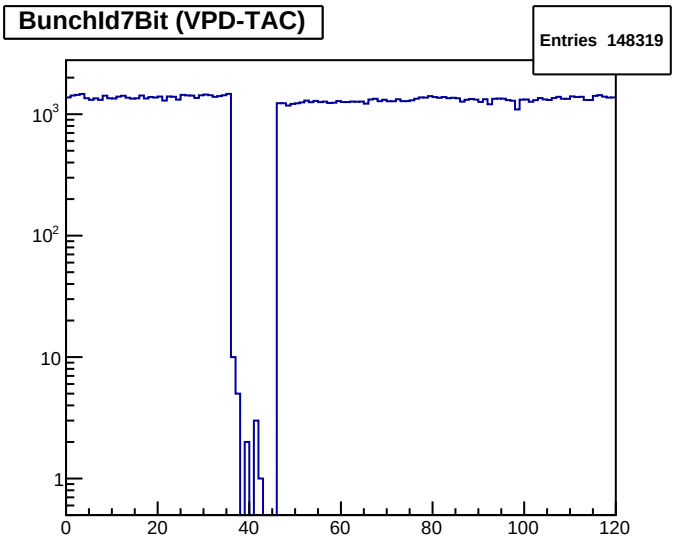
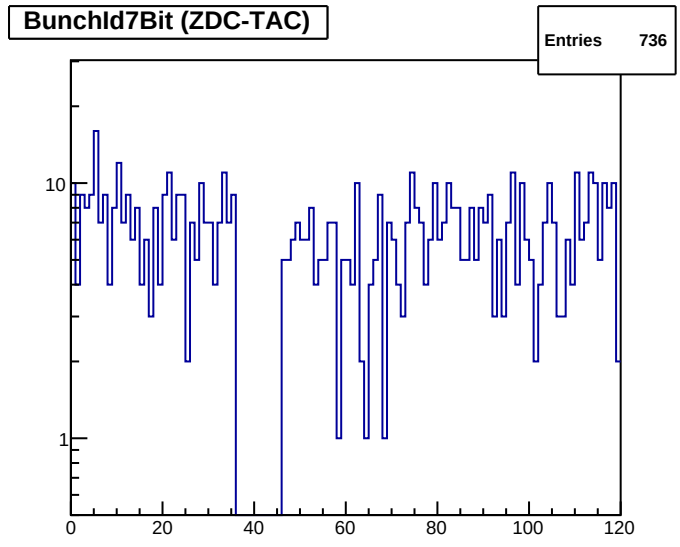
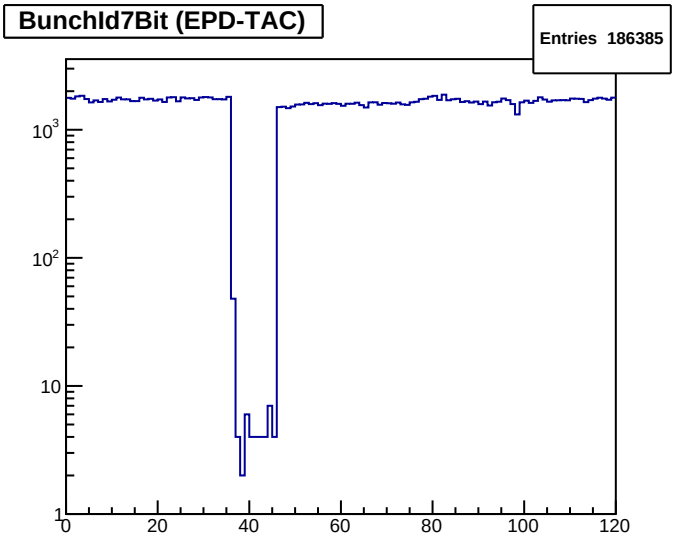
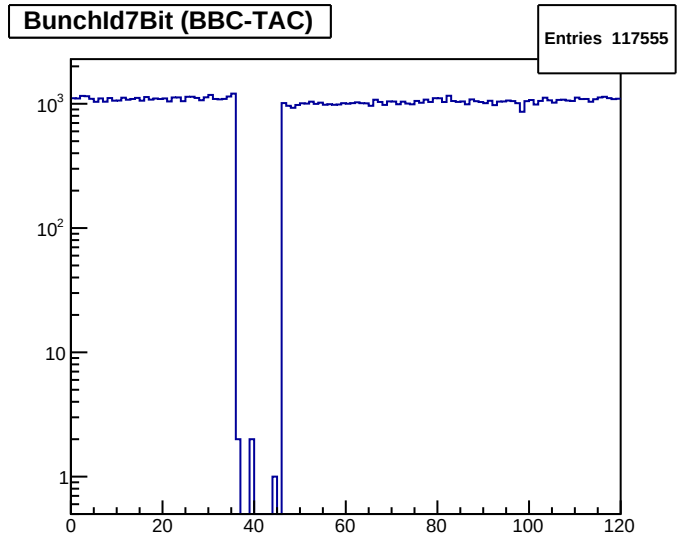
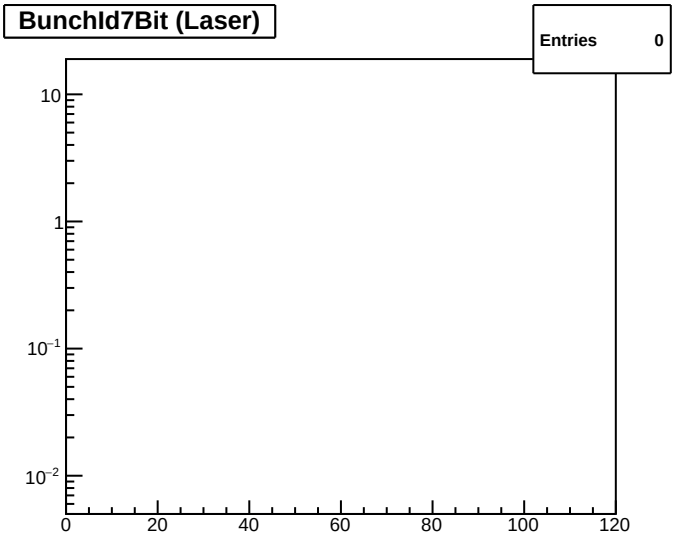
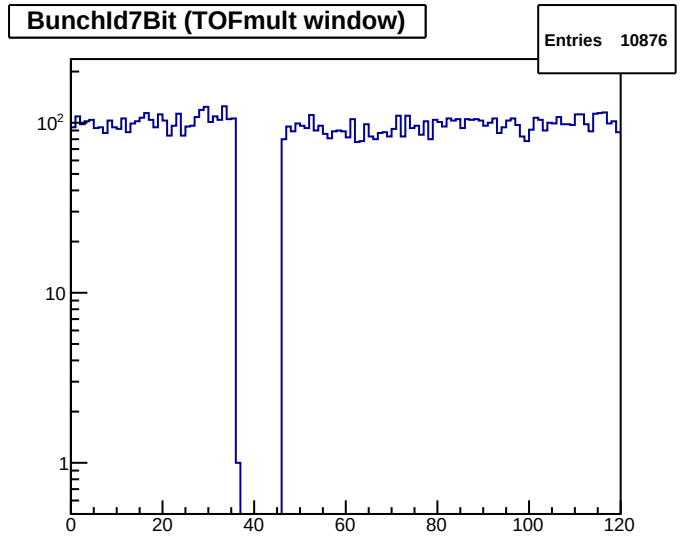

BunchId7Bit (VPD-TAC)
Entries 148319

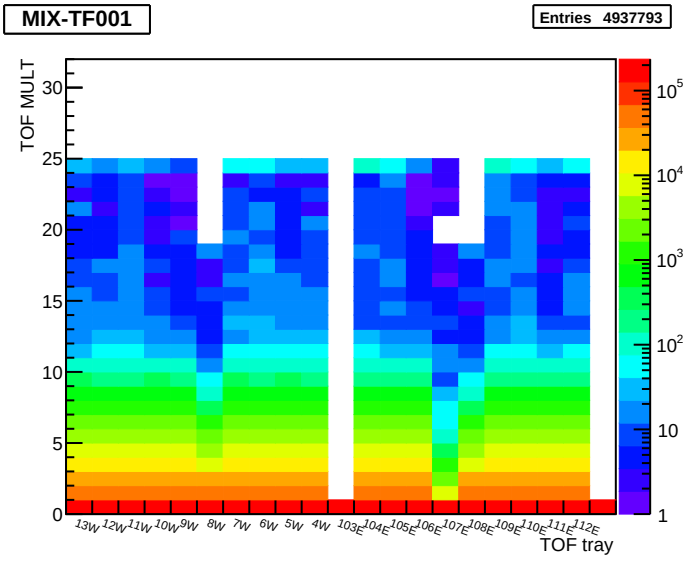

BunchId7Bit (ZDC-TAC)
Entries 736

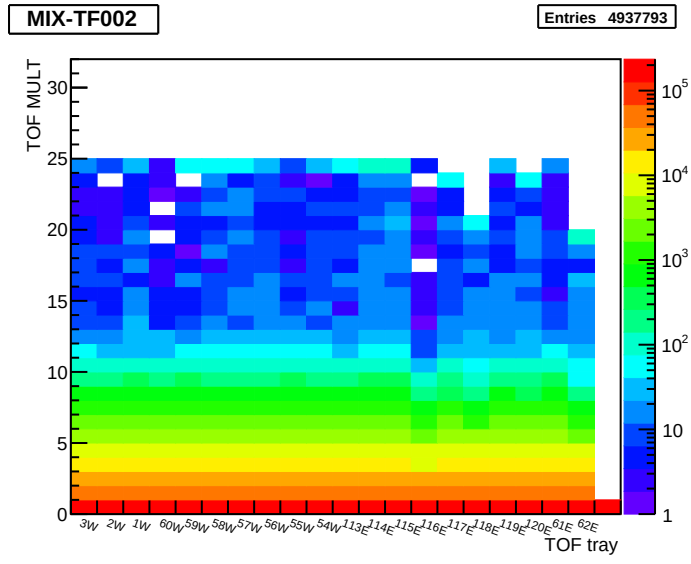

BunchId7Bit (EPD-TAC)
Entries 186385

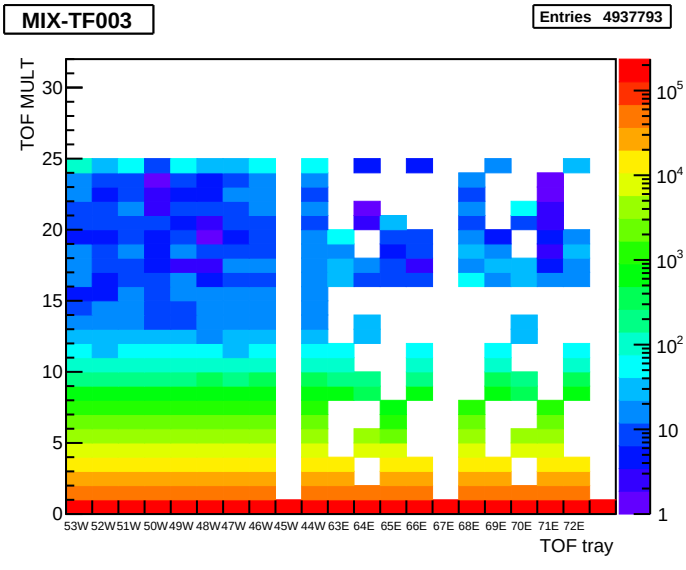

BunchId7Bit (BBC-TAC)
Entries 117555

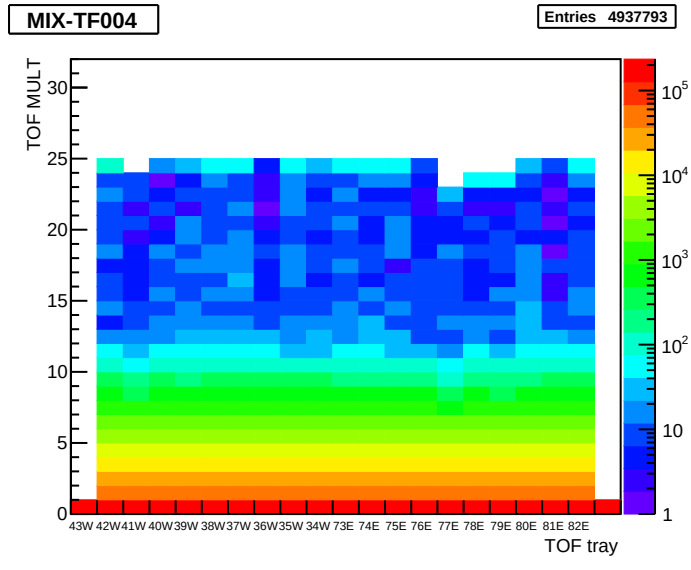

BunchId7Bit (Laser)
Entries 0

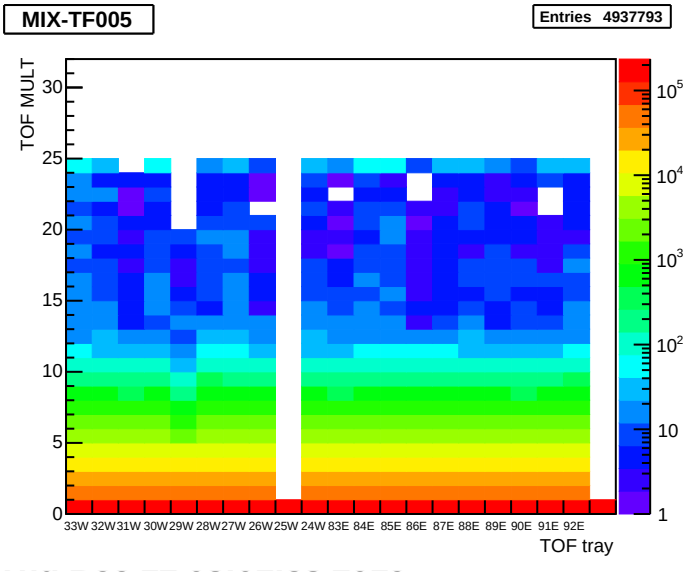

BunchId7Bit (TOFmult window)
Entries 10876

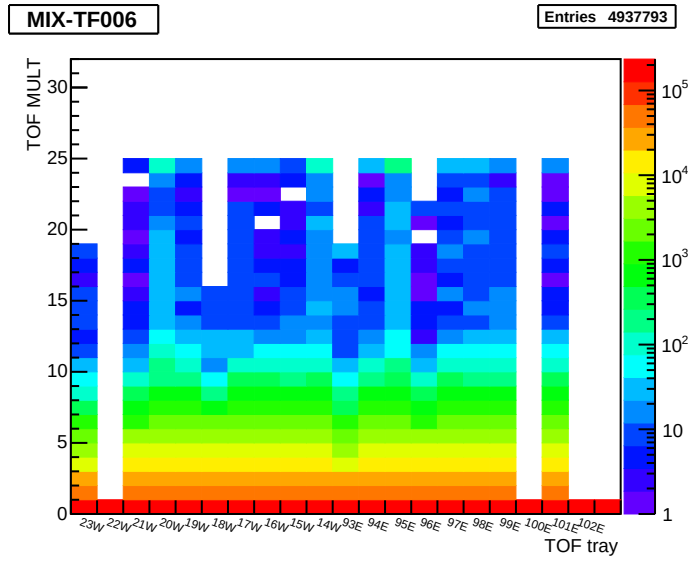

MIX-TF001
Entries 4937793
TOF MULT
TOF tray

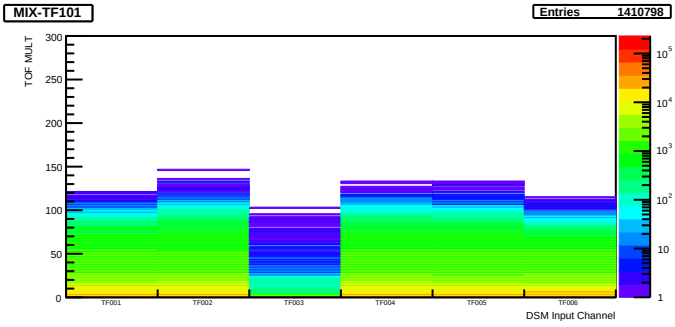

MIX-TF002
Entries 4937793
TOF MULT
TOF tray

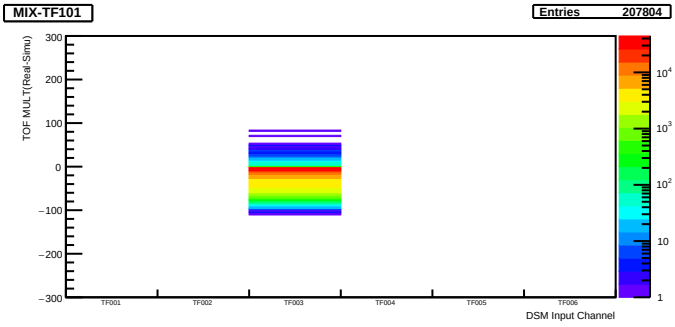

MIX-TF003
Entries 4937793
TOF MULT
TOF tray

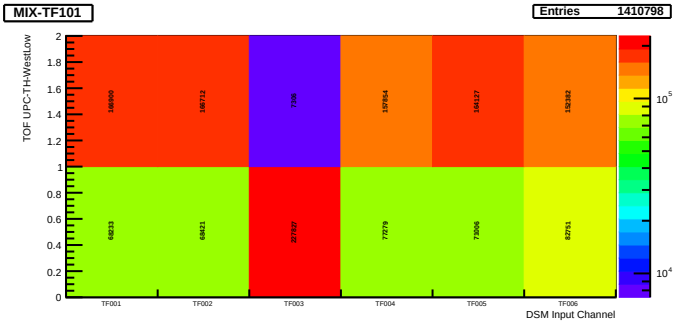

MIX-TF004
Entries 4937793
TOF MULT
TOF tray

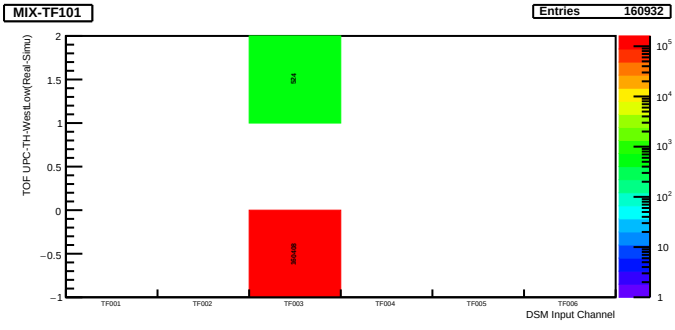

MIX-TF005
Entries 4937793
TOF MULT
TOF tray

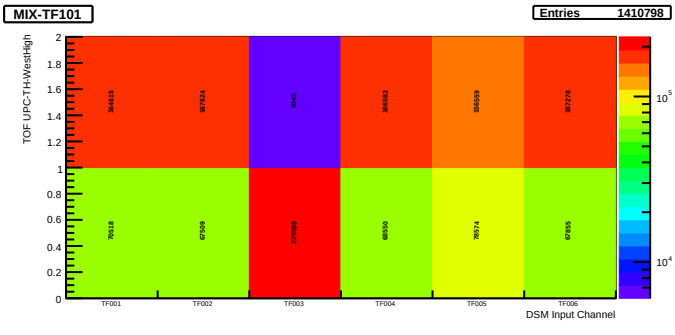

MIX-TF006
Entries 4937793
TOF MULT
TOF tray

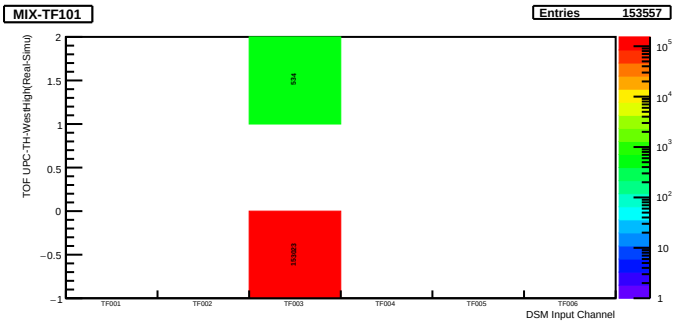

MIX-TF101
Entries 1410798
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

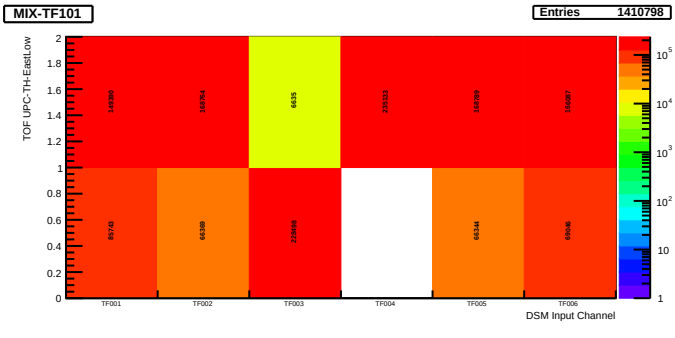

MIX-TF101
Entries 207804
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

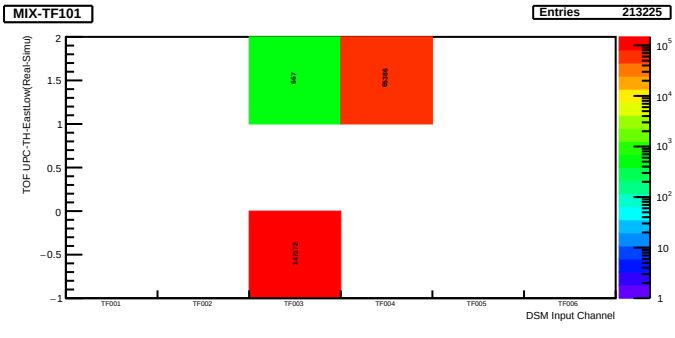

MIX-TF101
Entries 1410798
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

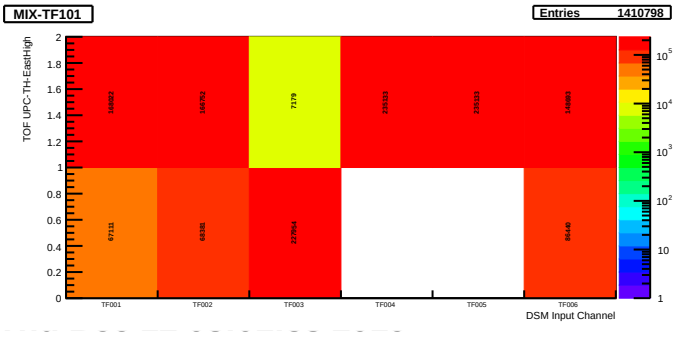

MIX-TF101
Entries 160932
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

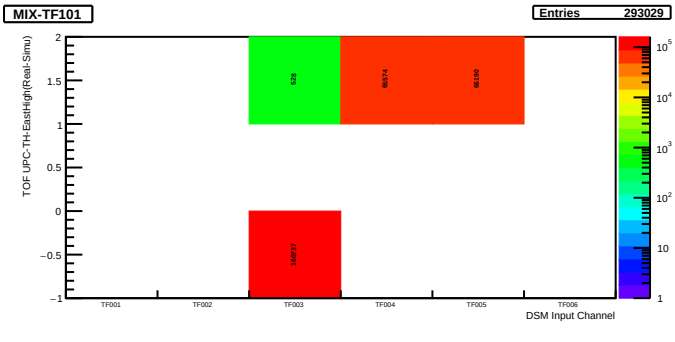

MIX-TF101
Entries 1410798
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

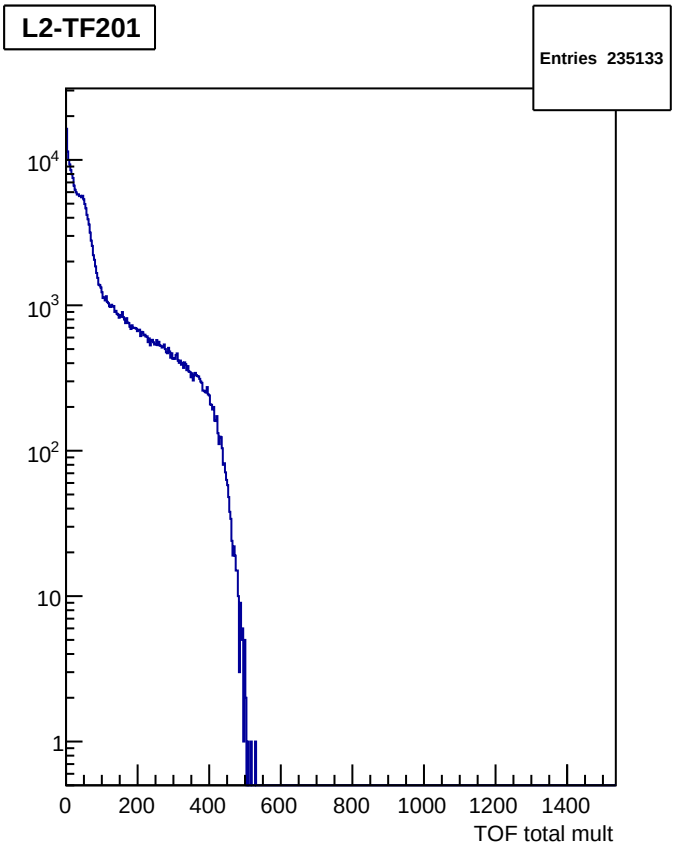

MIX-TF101
Entries 153557
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

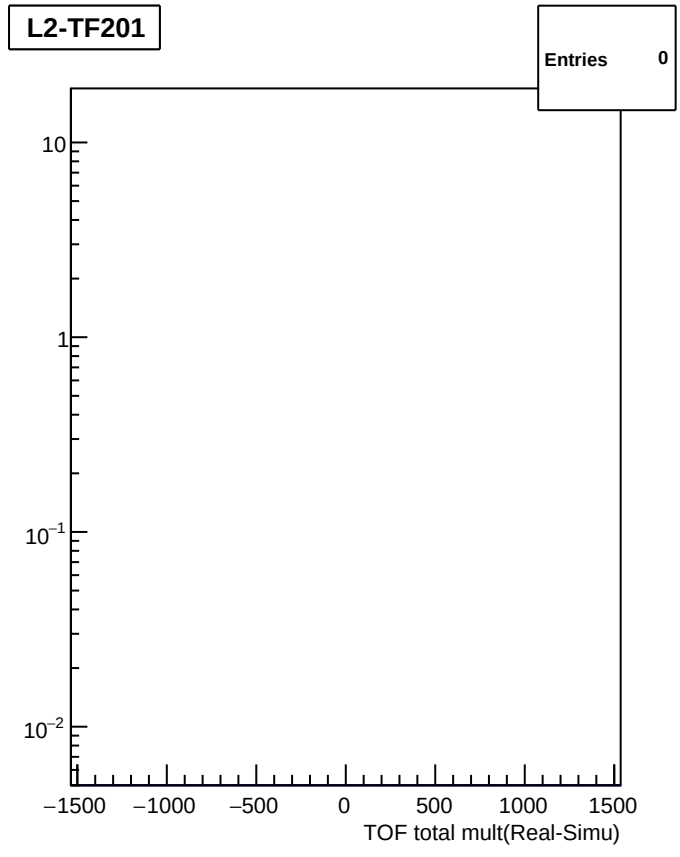

MIX-TF101
Entries 1410798
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

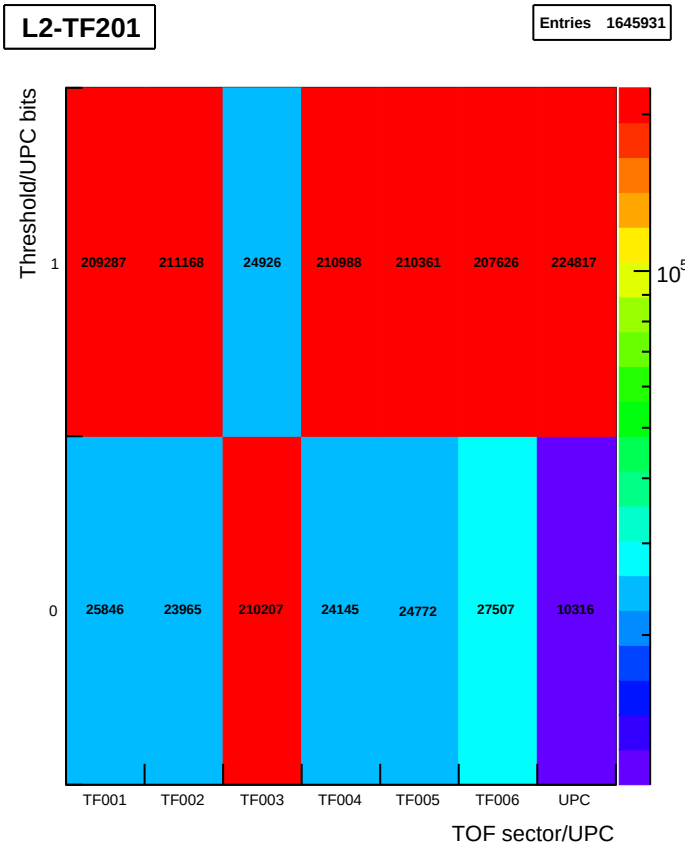

MIX-TF101
Entries 213225
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

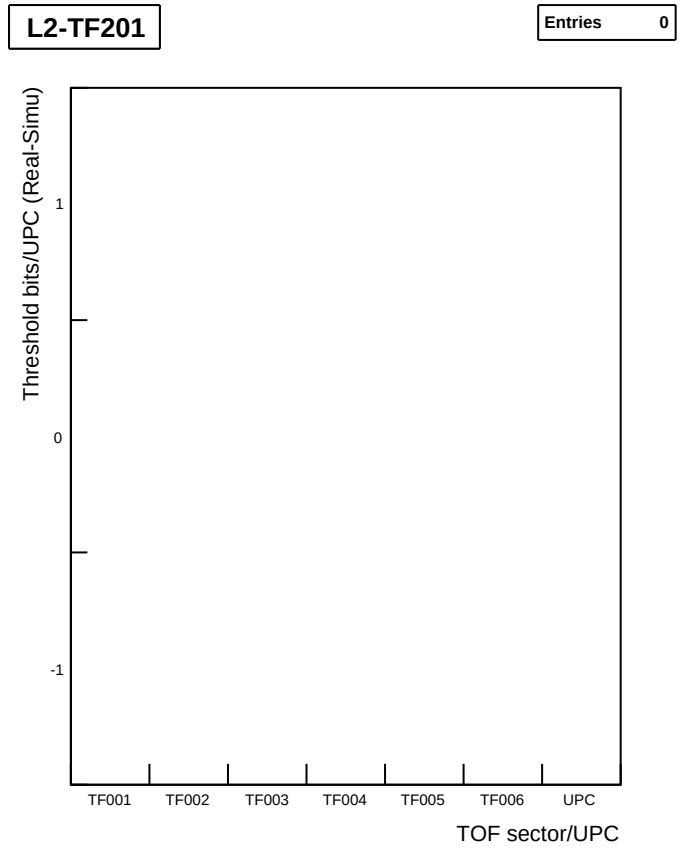

MIX-TF101
Entries 1410798
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

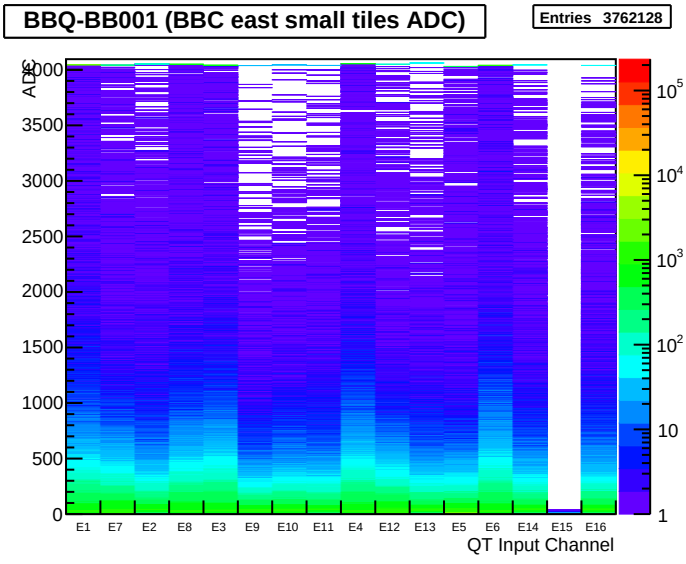

MIX-TF101
Entries 293029
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

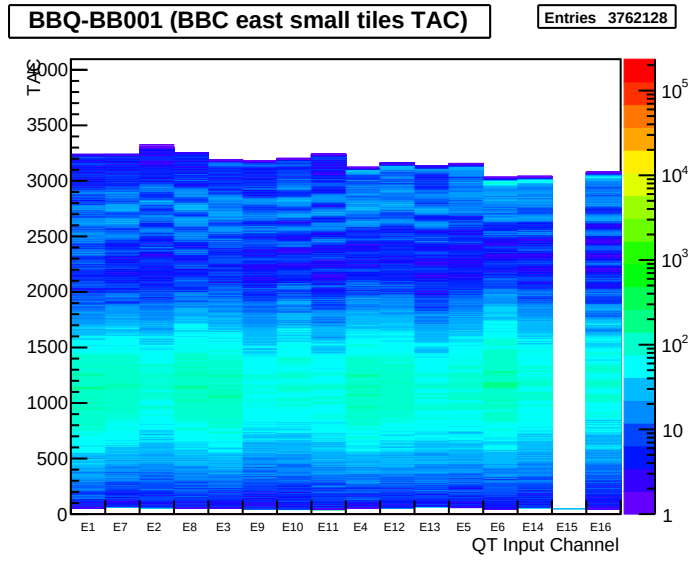

L2-TF201
Entries 235133
TOF total mult

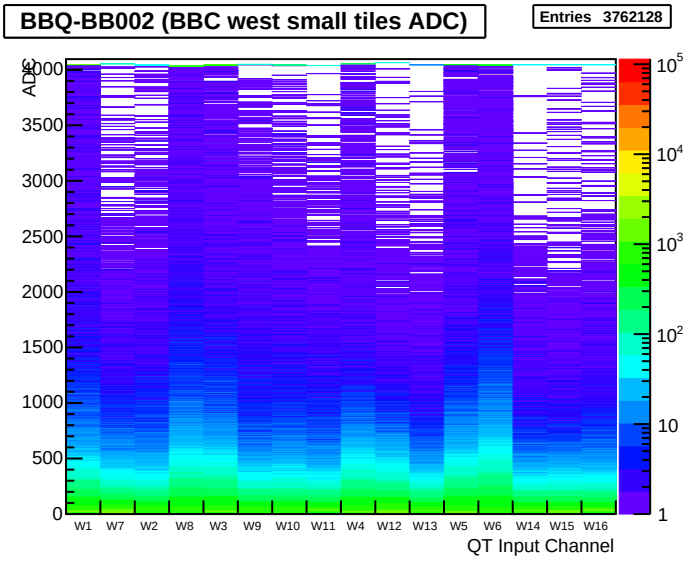

L2-TF201
Entries 0
TOF total mult(Real-Simu)

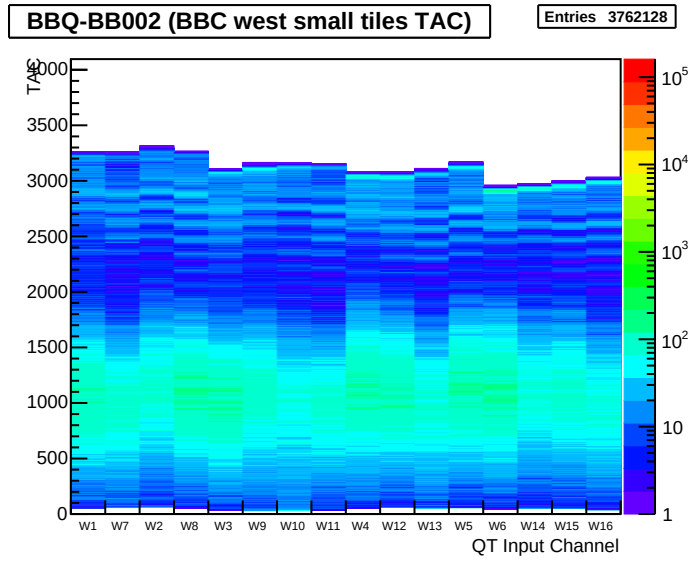

L2-TF201
Entries 1645931
Threshold/UPC bits
209287
211168
24926
210988
210361
207626
224817
25846
23965
210207
24145
24772
27507
10316
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

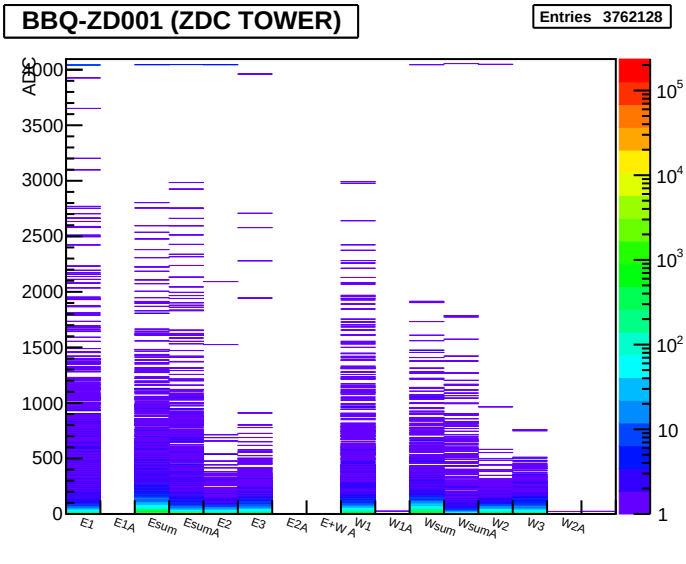

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

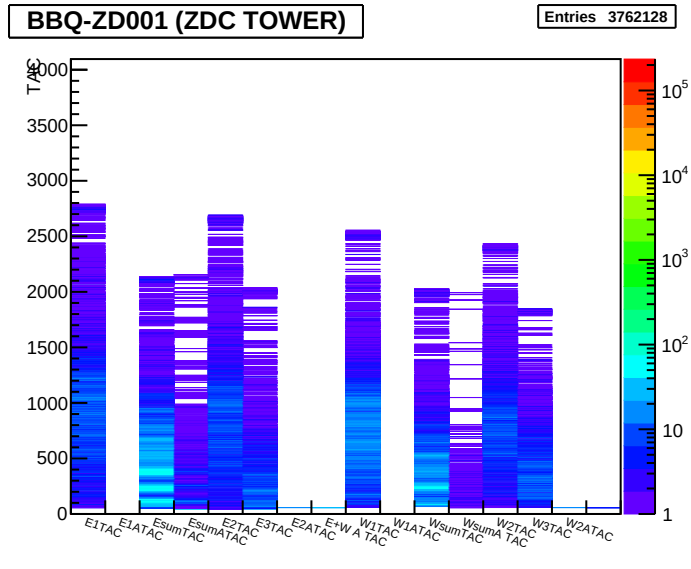

BBQ-BB001 (BBC east small tiles ADC)
Entries 3762128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

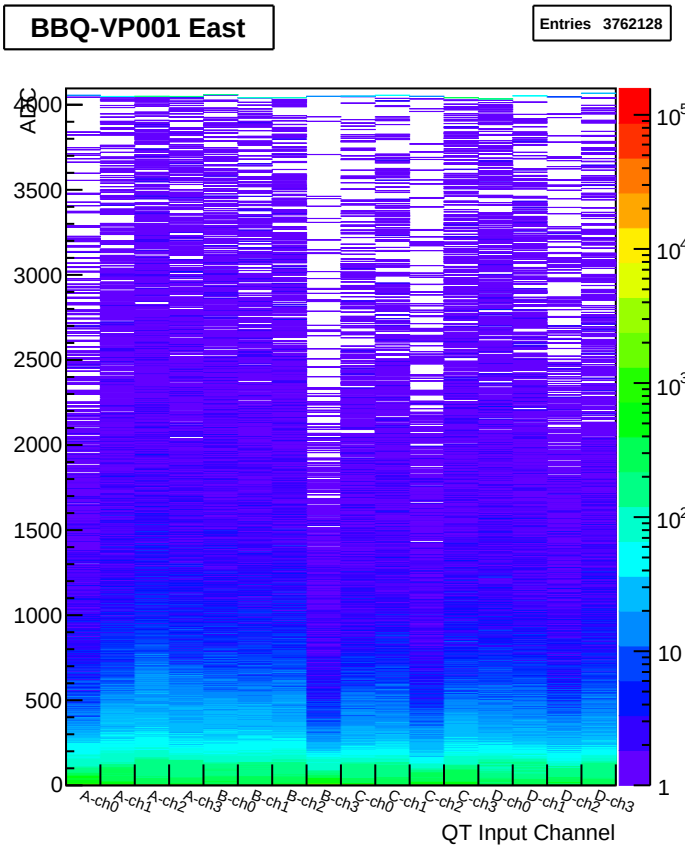

BBQ-BB001 (BBC east small tiles TAC)
Entries 3762128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

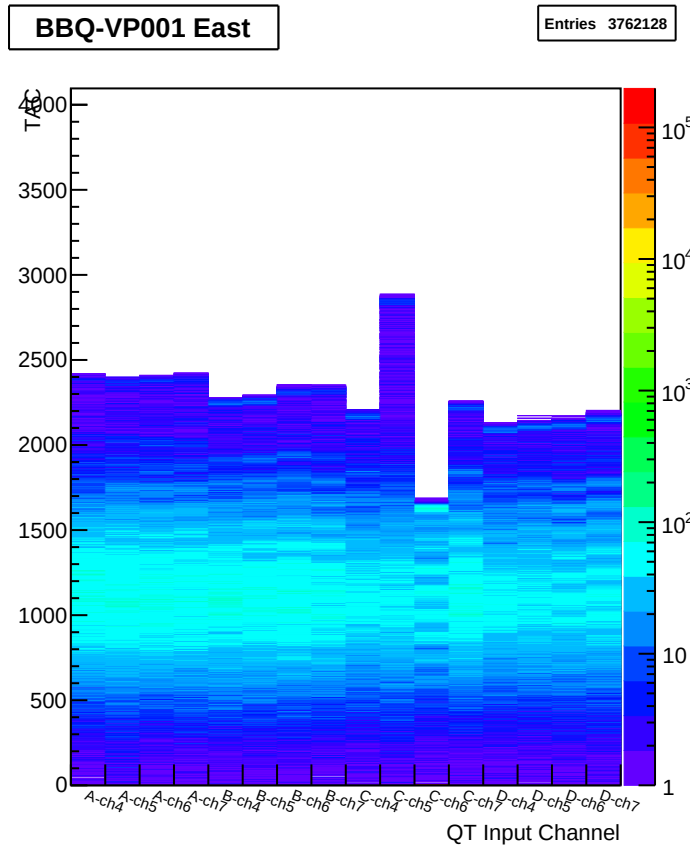

BBQ-BB002 (BBC west small tiles ADC)
Entries 3762128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

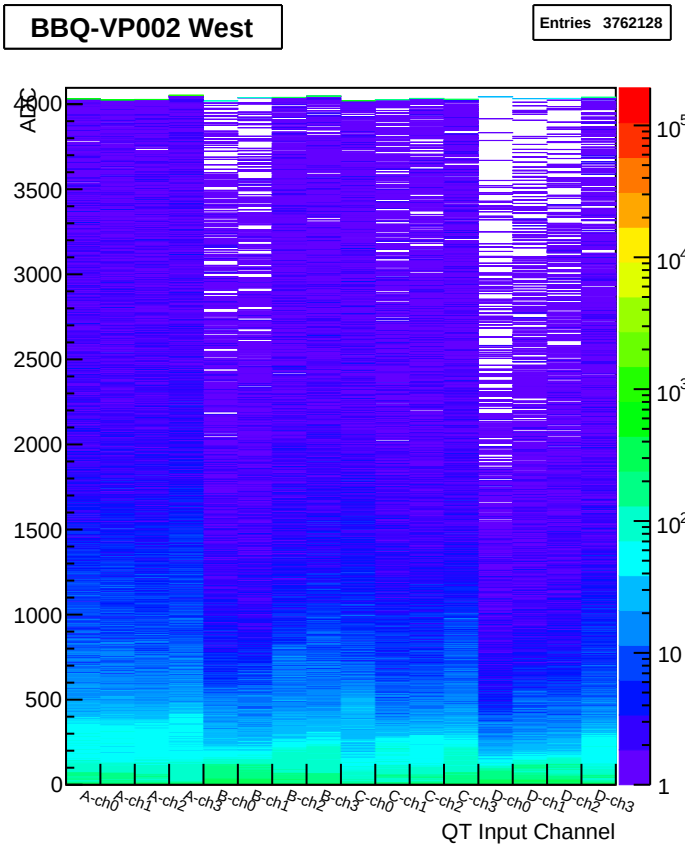

BBQ-BB002 (BBC west small tiles TAC)
Entries 3762128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

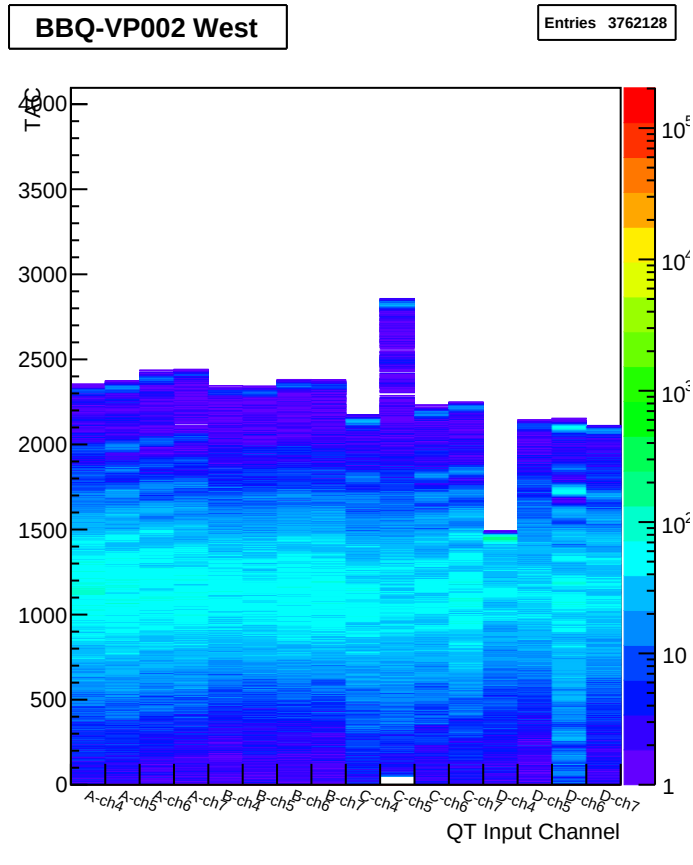

BBQ-ZD001 (ZDC TOWER)
Entries 3762128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

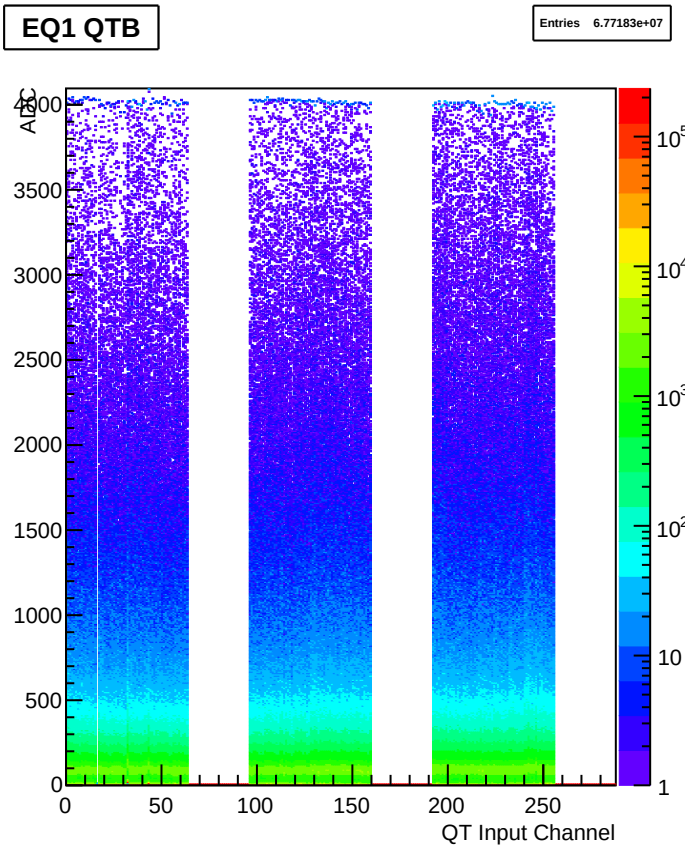

BBQ-ZD001 (ZDC TOWER)
Entries 3762128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

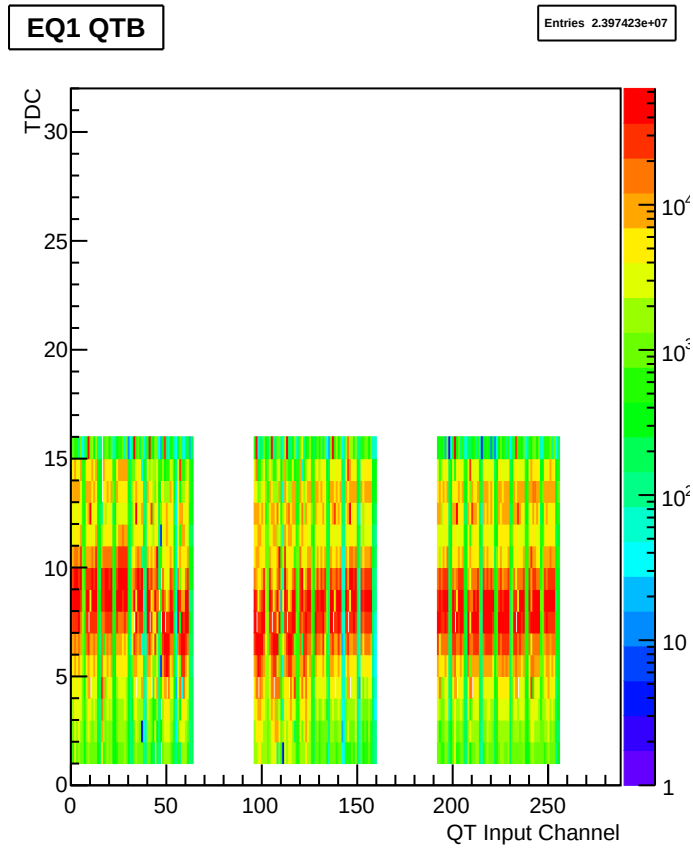

BBQ-VP001 East
Entries 3762128
ADC
QT Input Channel

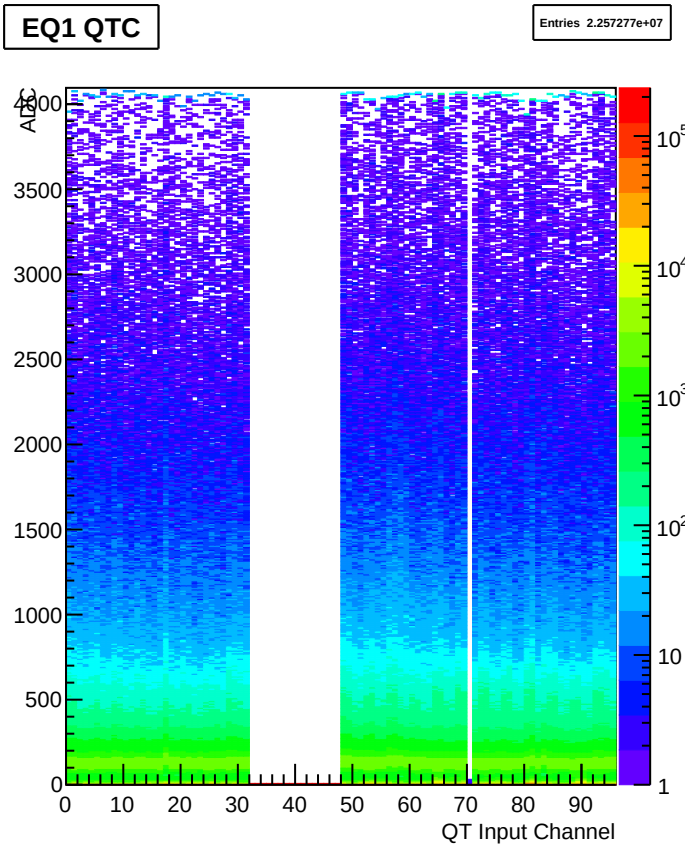

BBQ-VP001 East
Entries 3762128
ADC
QT Input Channel

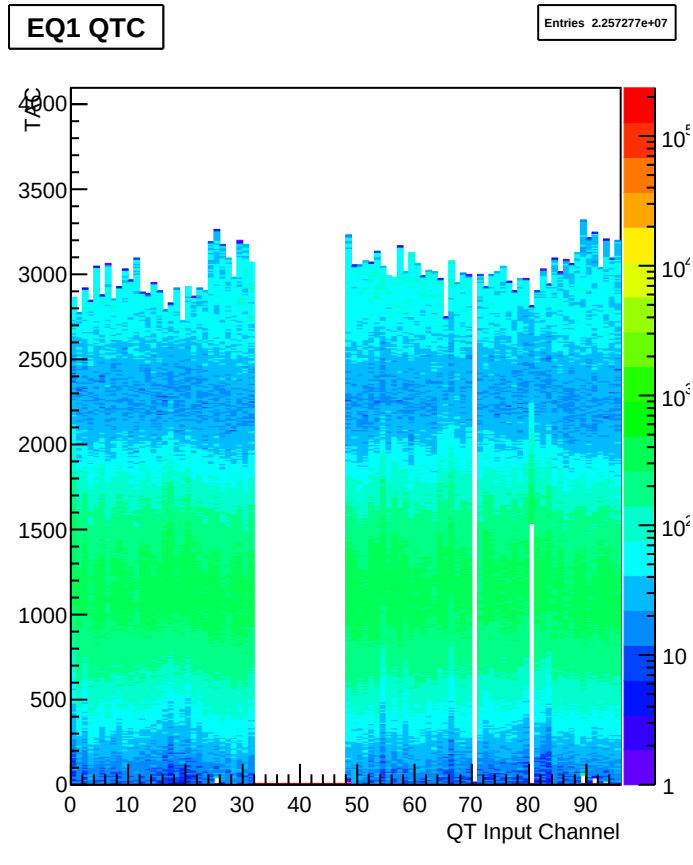

BBQ-VP002 West
Entries 3762128
ADC
QT Input Channel

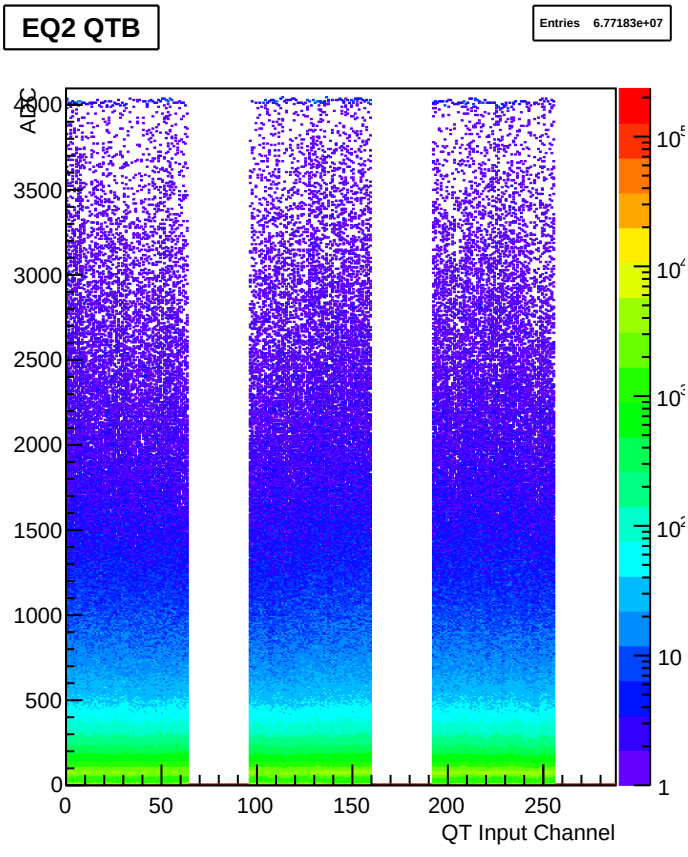

BBQ-VP002 West
Entries 3762128
ADC
QT Input Channel

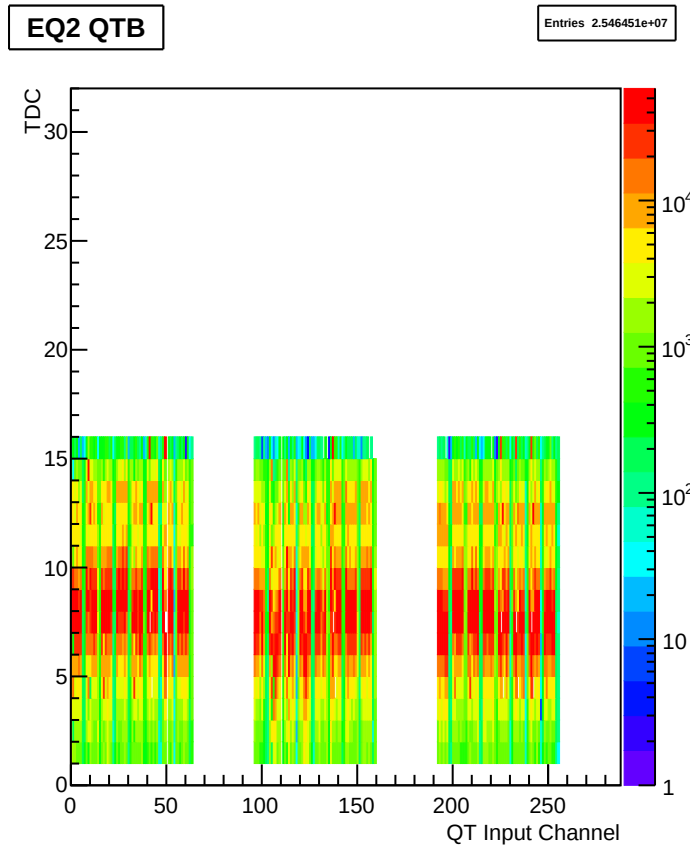

EQ1 QTB
Entries 6.77183e+07
ADC
QT Input Channel

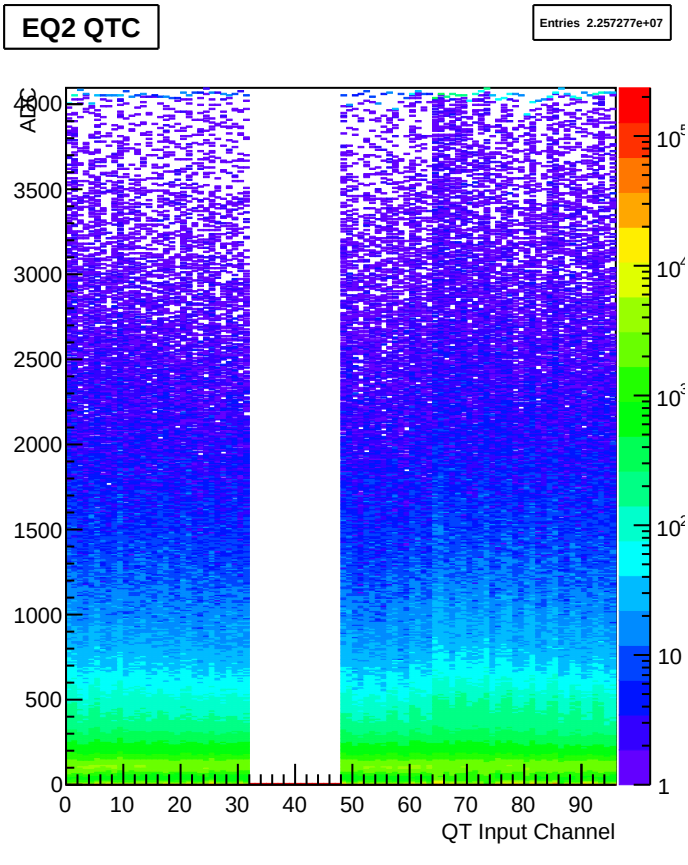

EQ1 QTB
Entries 2.397423e+07
TDC
QT Input Channel

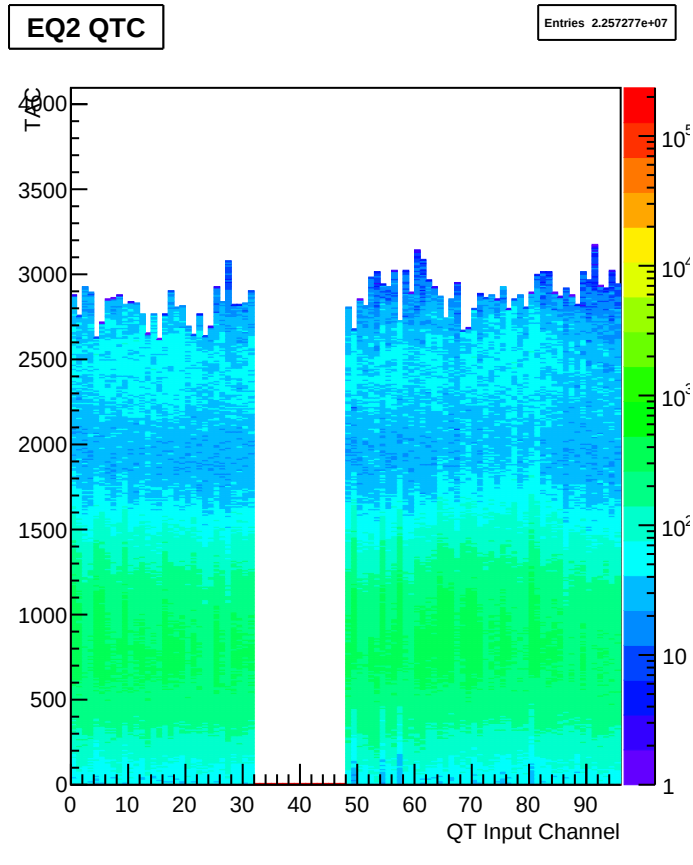

EQ1 QTC
Entries 2.257277e+07
ADC
QT Input Channel

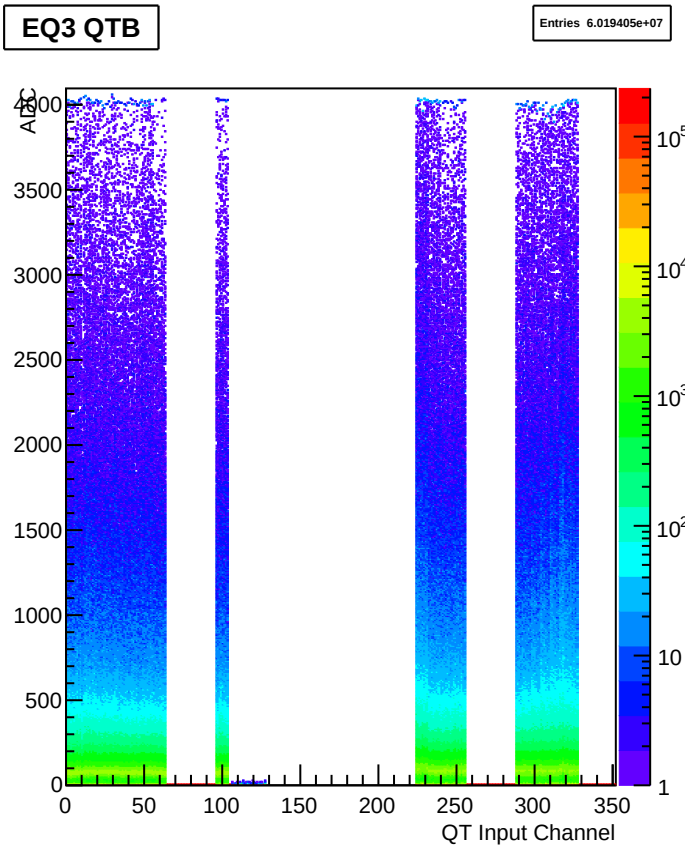

EQ1 QTC
Entries 2.257277e+07
TADC
QT Input Channel

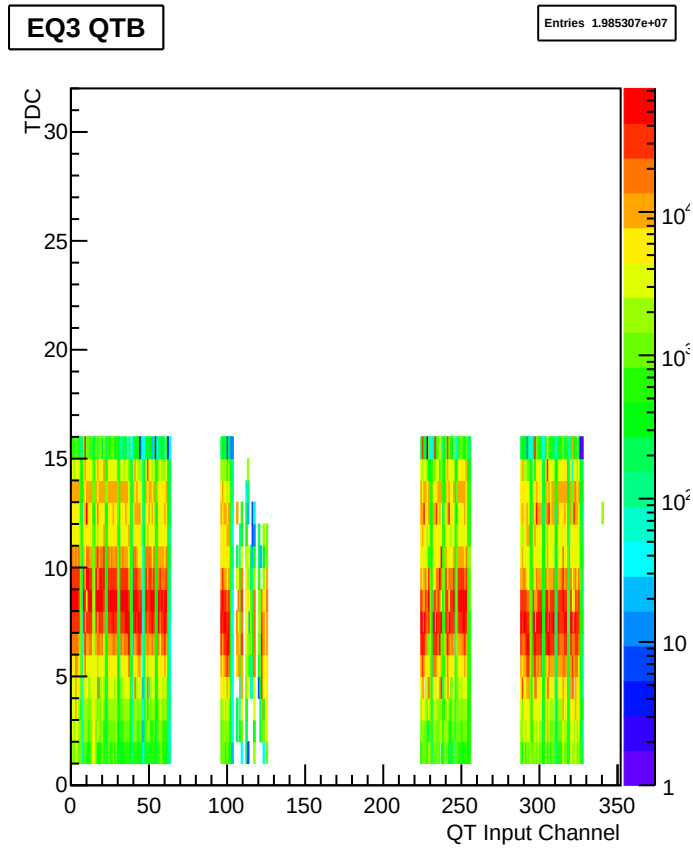

EQ2 QTB
Entries 6.77183e+07
ADC
QT Input Channel

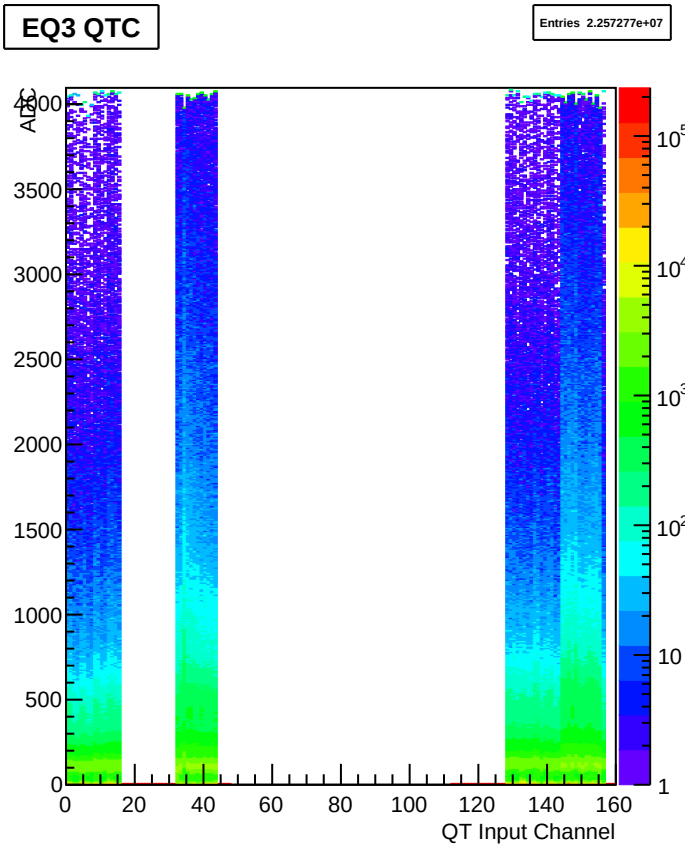

EQ2 QTB
Entries 2.546451e+07
TDC
QT Input Channel

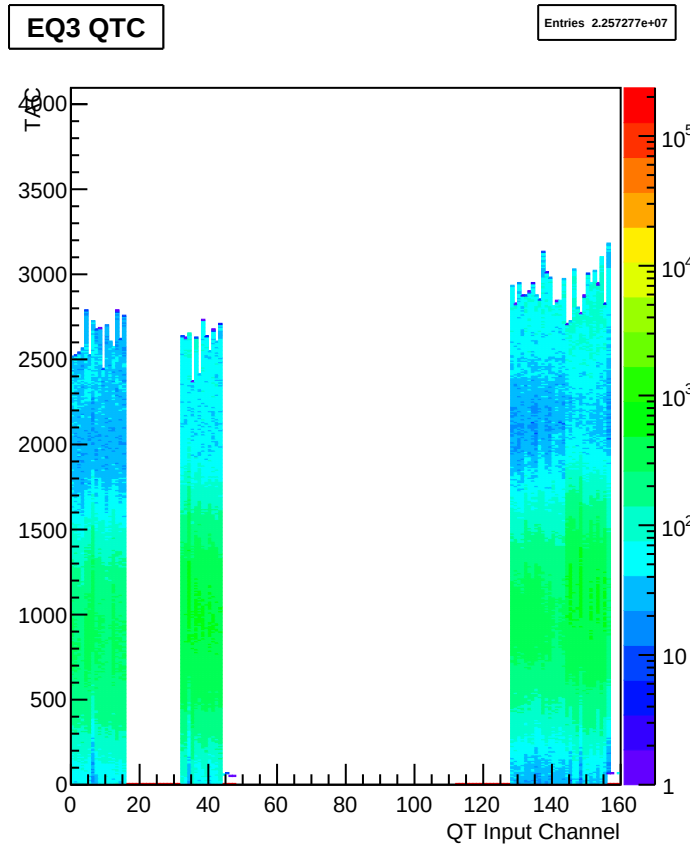

EQ2 QTC
Entries 2.257277e+07
ADC
QT Input Channel

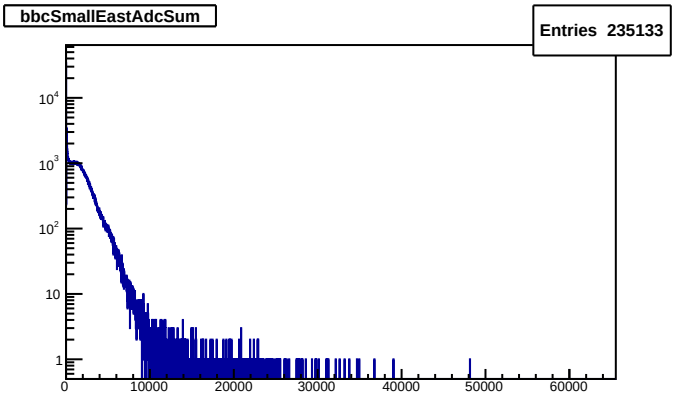

EQ2 QTC
Entries 2.257277e+07
TADC
QT Input Channel

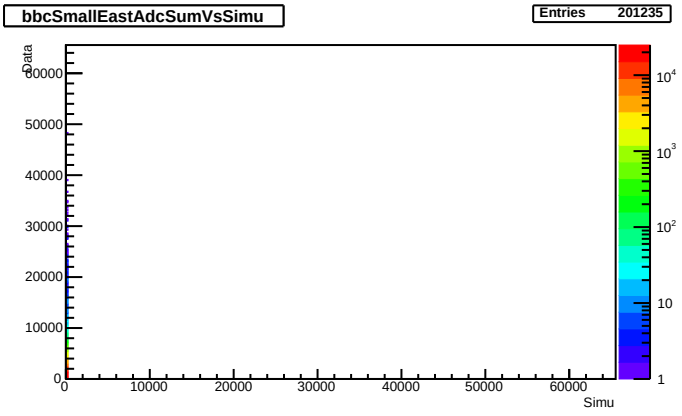

EQ3 QTB
Entries 6.019405e+07
ADC
QT Input Channel

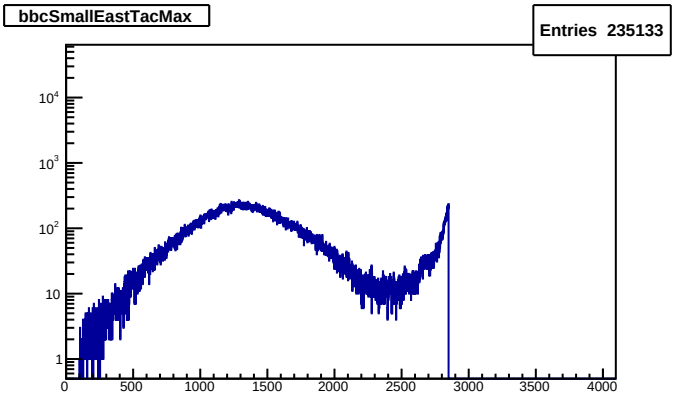

EQ3 QTB
Entries 1.985307e+07
TDC
QT Input Channel

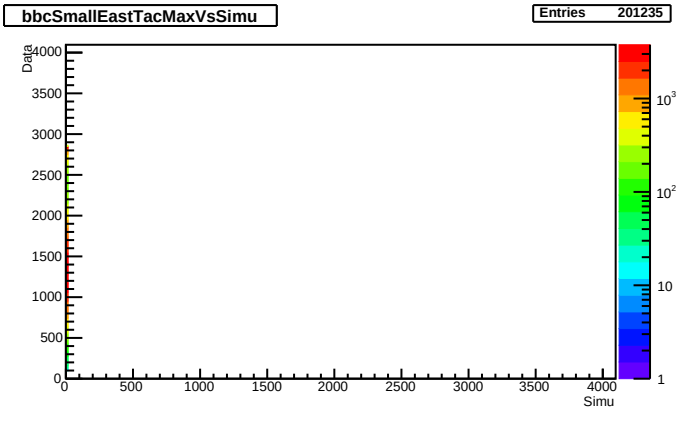

EQ3 QTC
Entries 2.257277e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.257277e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 235133


bbcSmallEastAdcSumVsSimu
Entries 201235
Data
Simu


bbcSmallEastTacMax
Entries 235133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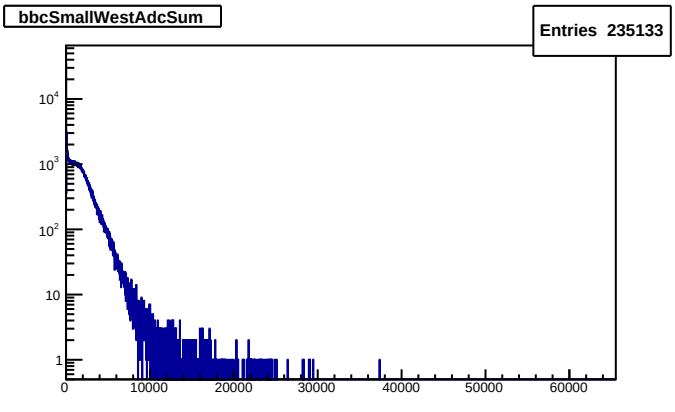
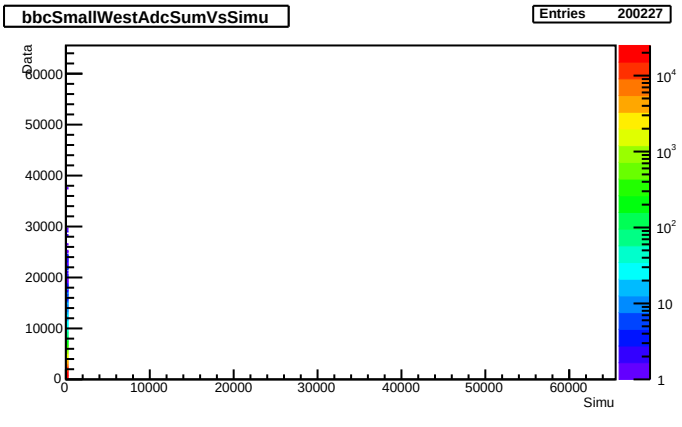
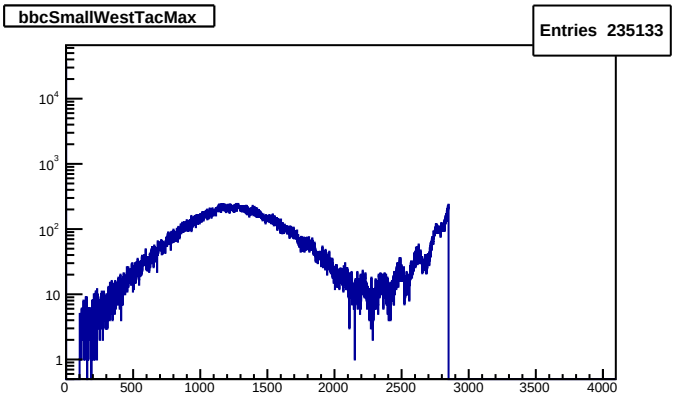
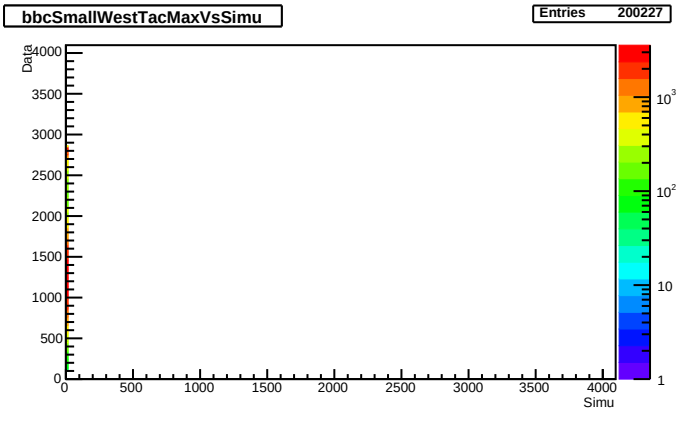
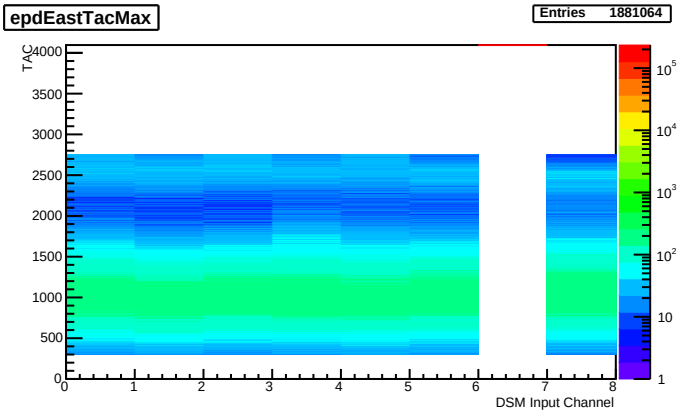
Entries 201235
Data
Simu

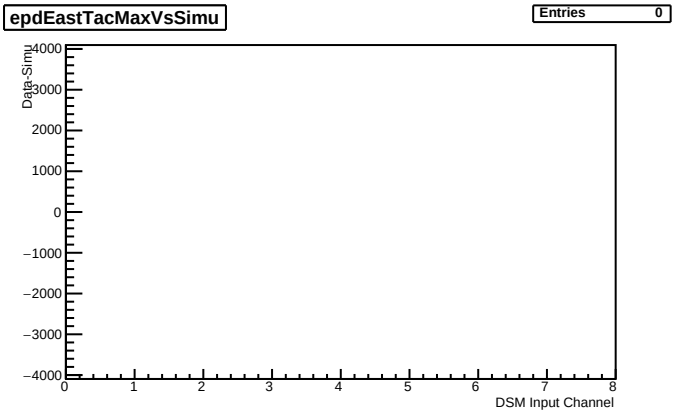

bbcSmallWestAdcSum
Entries 235133

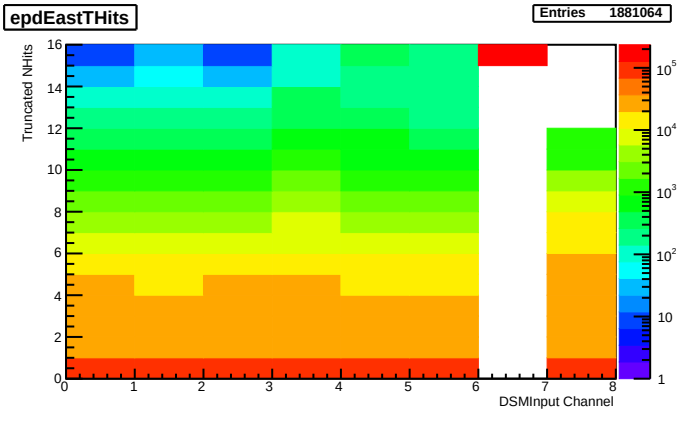

bbcSmallWestAdcSumVsSimu
Entries 200227
Data
Simu

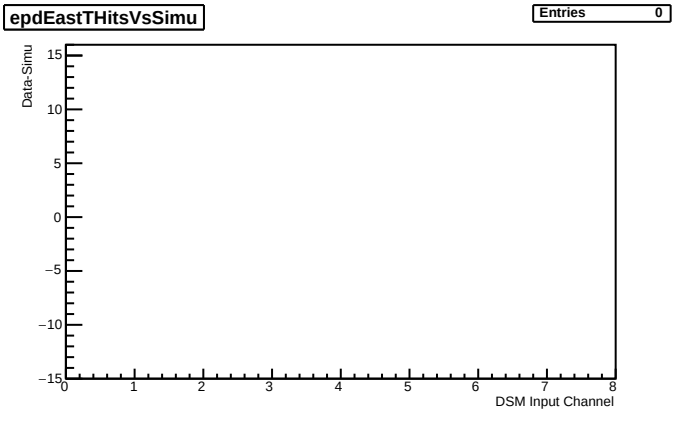

bbcSmallWestTacMax
Entries 235133

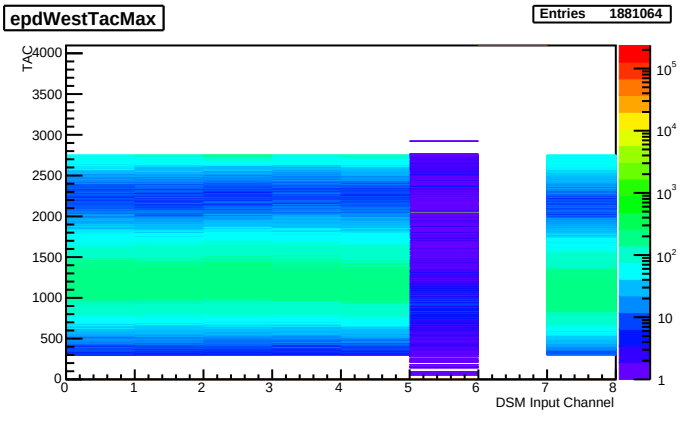

bbcSmallWestTacMaxVsSimu
Entries 200227
Data
Simu


epdEastTacMax
Entries 1881064
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1881064
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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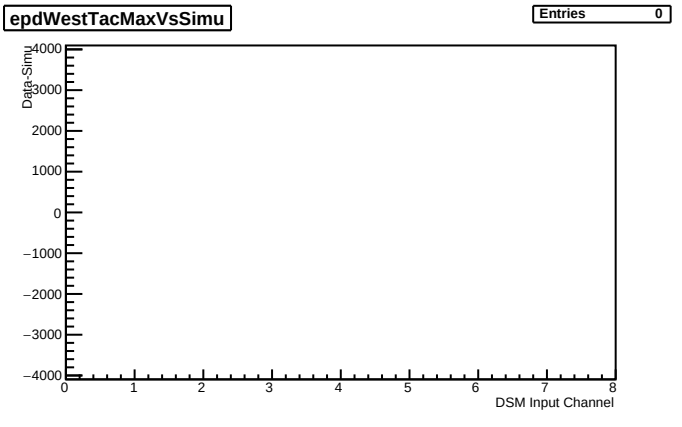
Entries 1881064
TAC
DSM Input Channel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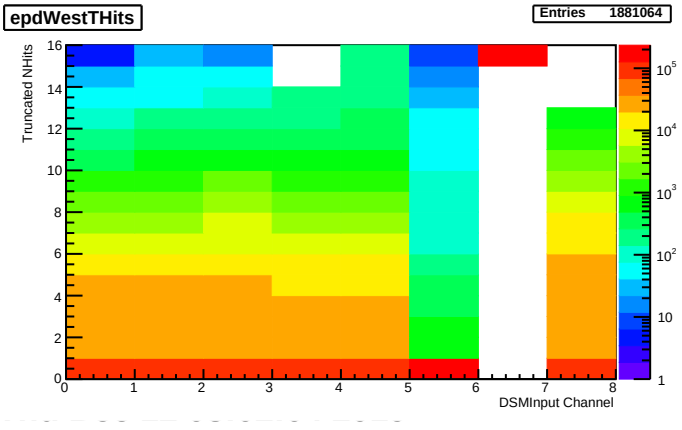
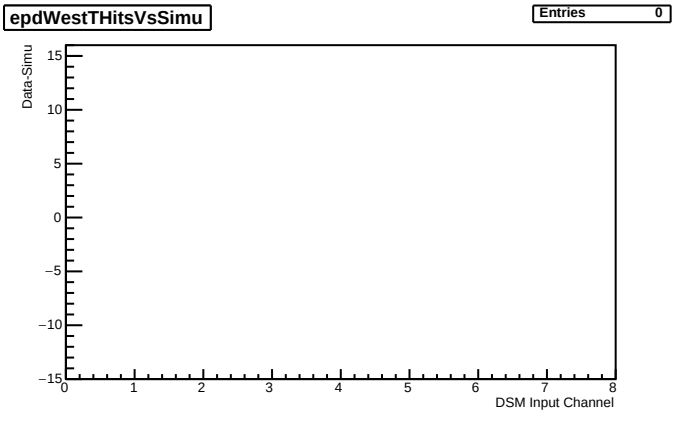
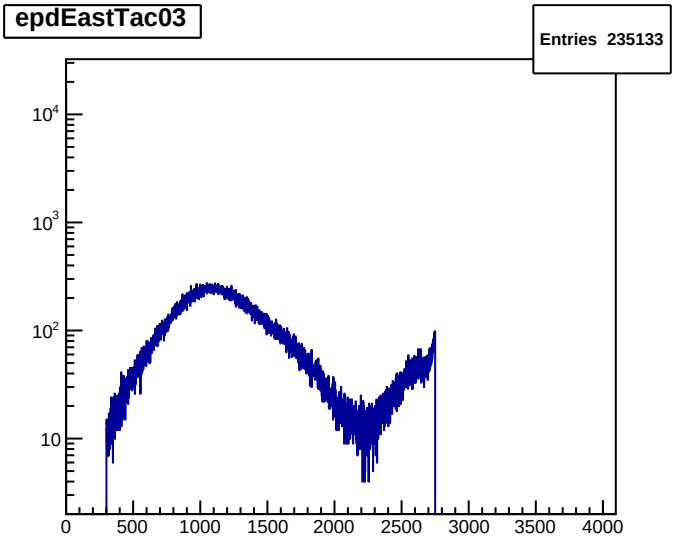
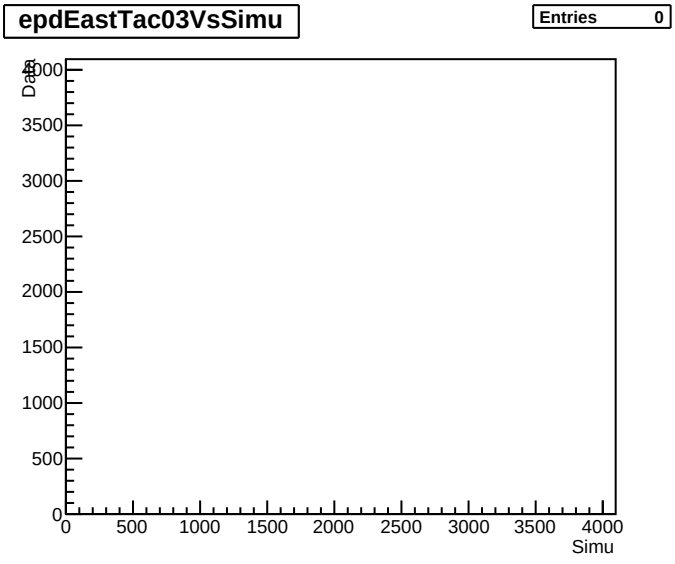
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1881064
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 235133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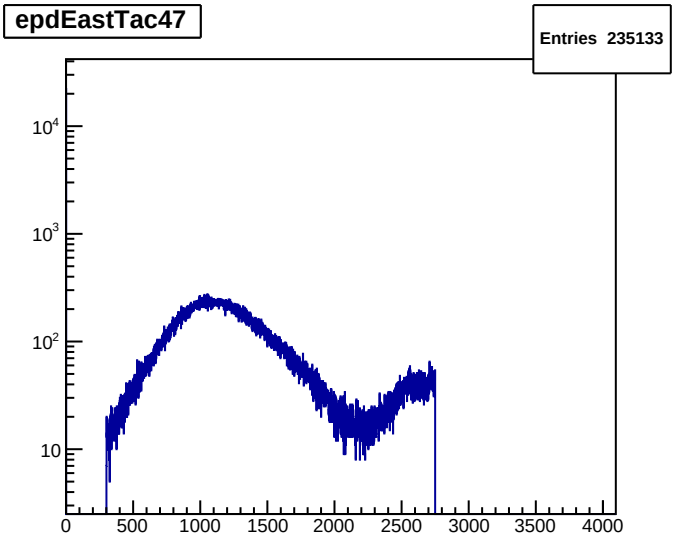
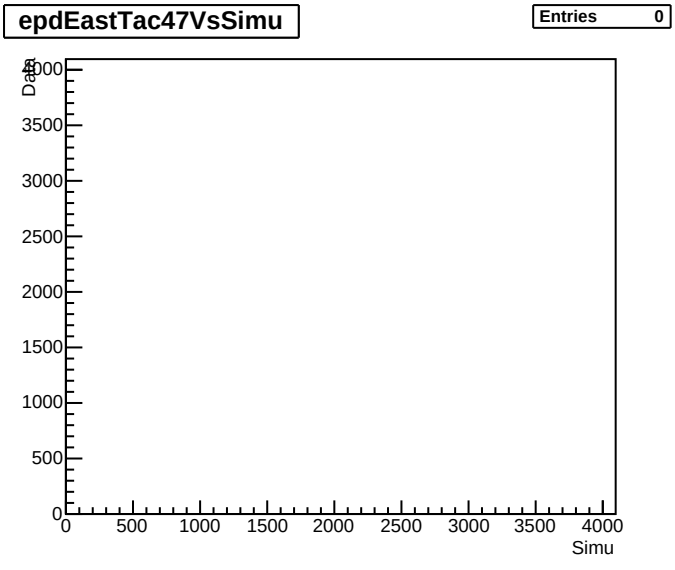
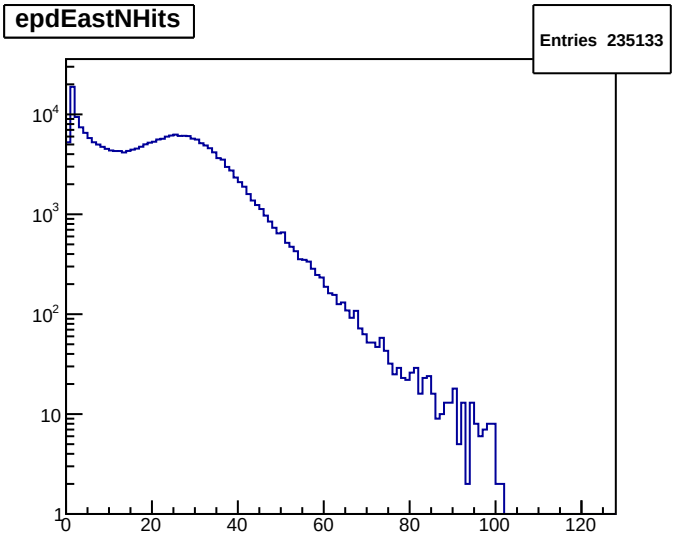
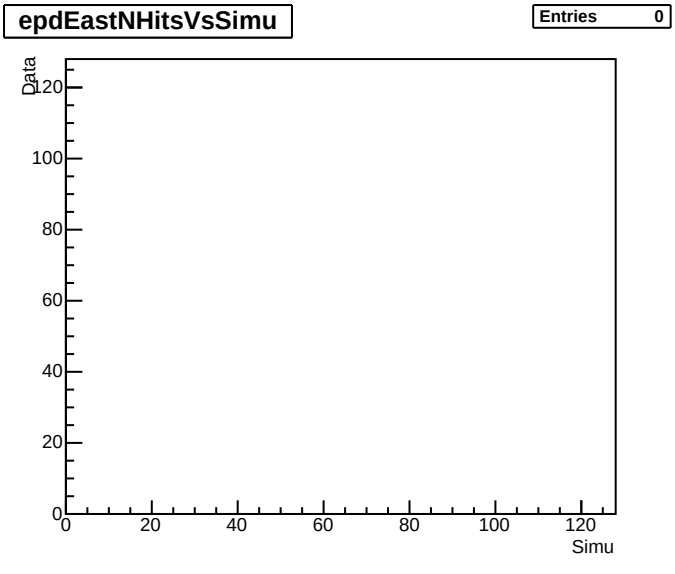
Entries 0
Data
Simu


epdEastTac47
Entries 235133


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 235133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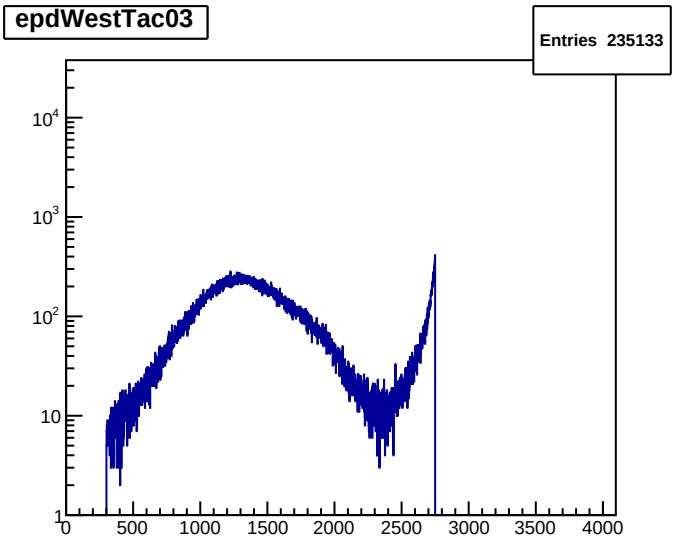
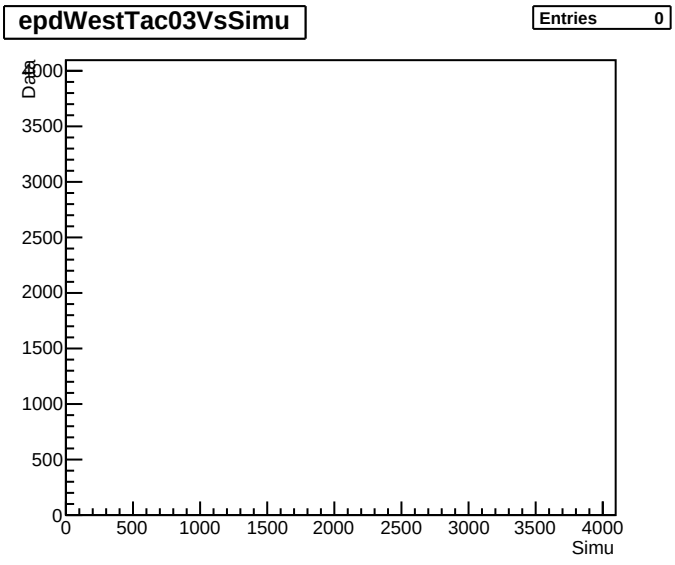
Entries 0
Data
Simu


epdWestTac03
Entries 235133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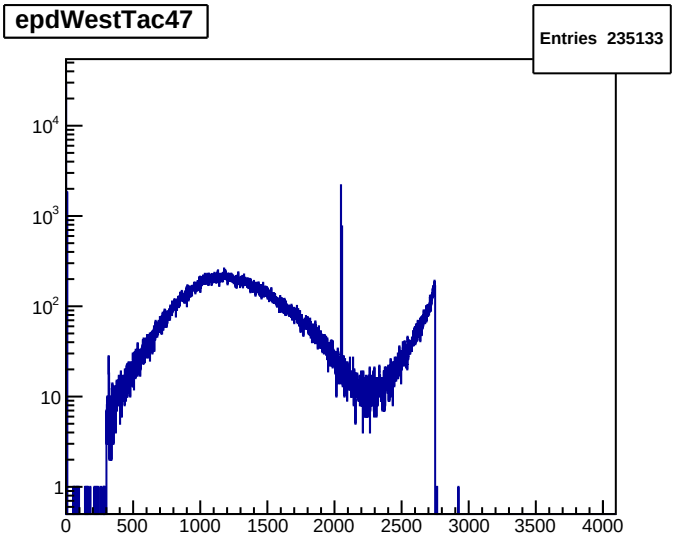
Entries 0
Data
Simu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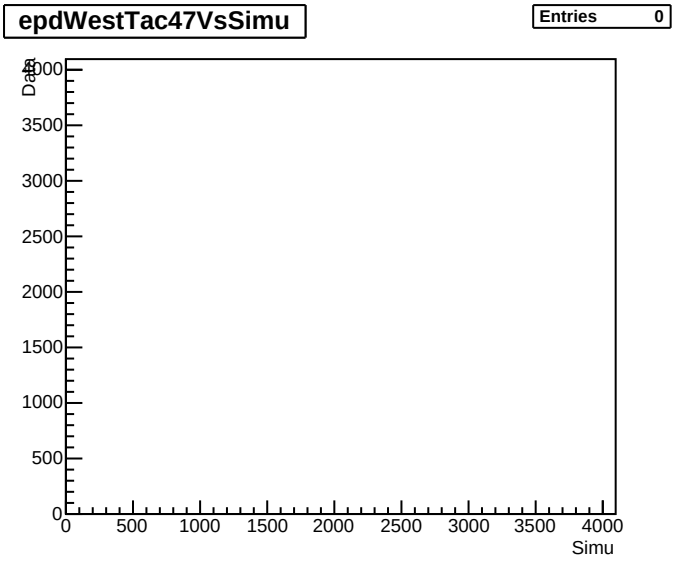
Entries 235133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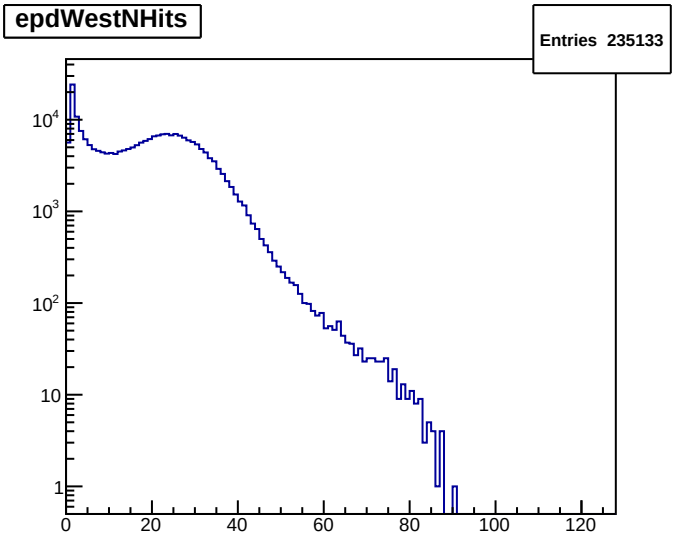
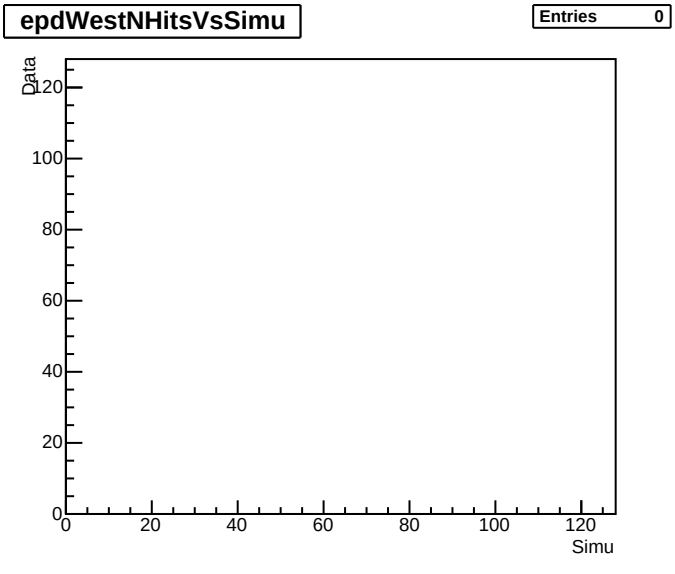
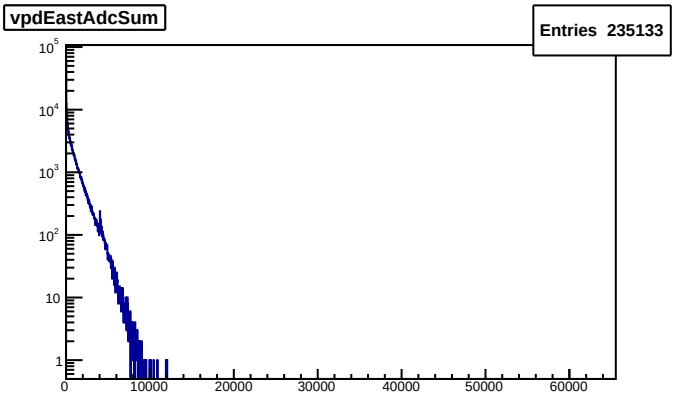
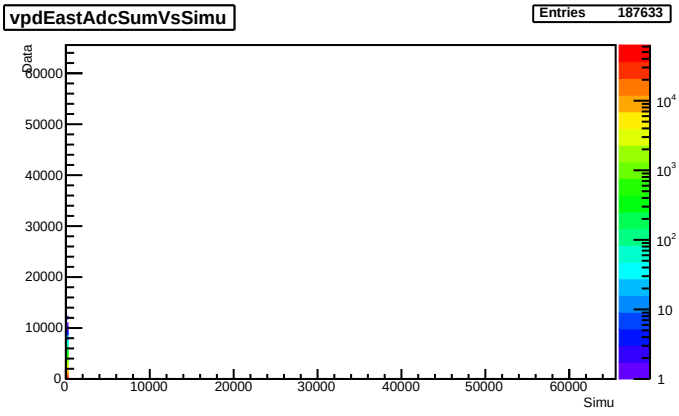
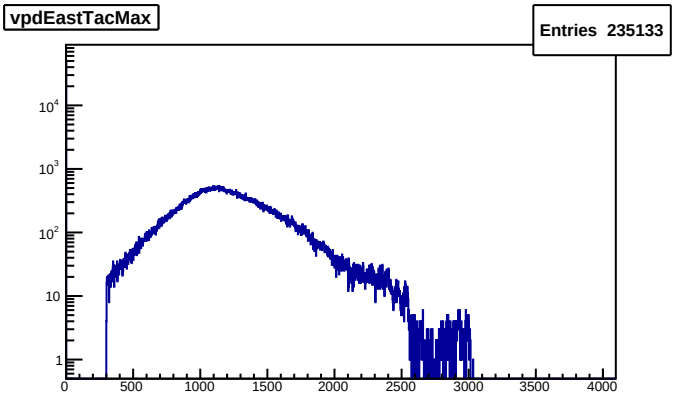
Entries 0
Data
Simu

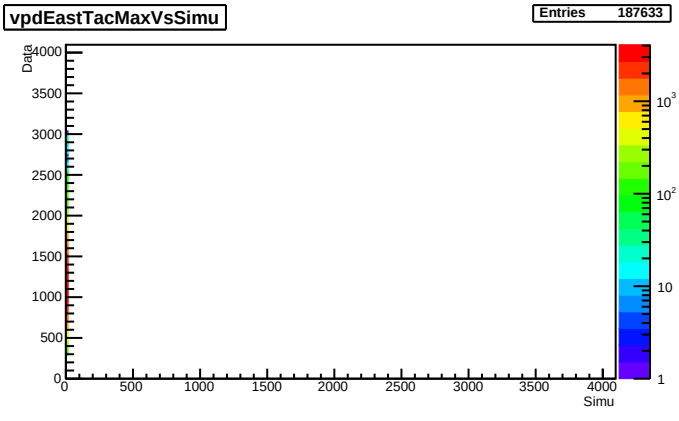

epdWestNHits
Entries 235133

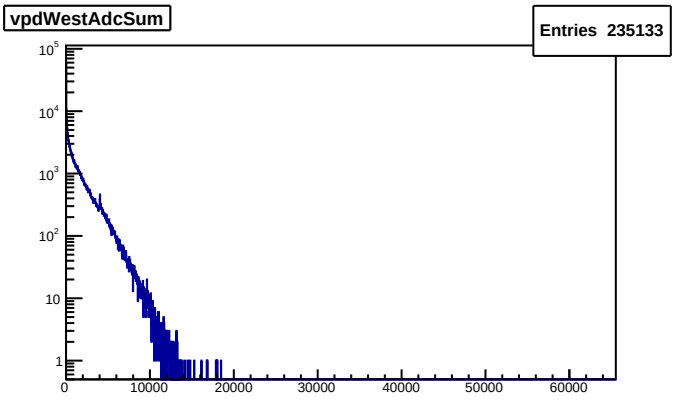

epdWestNHitsVsSimu
Entries 0
Data
Simu

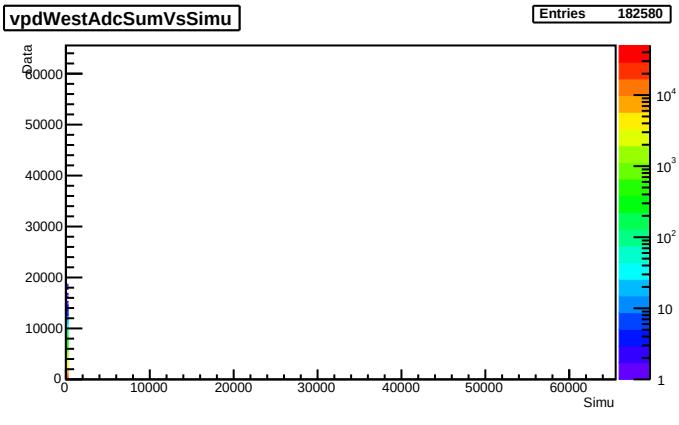

vpdEastAdcSum
Entries 235133

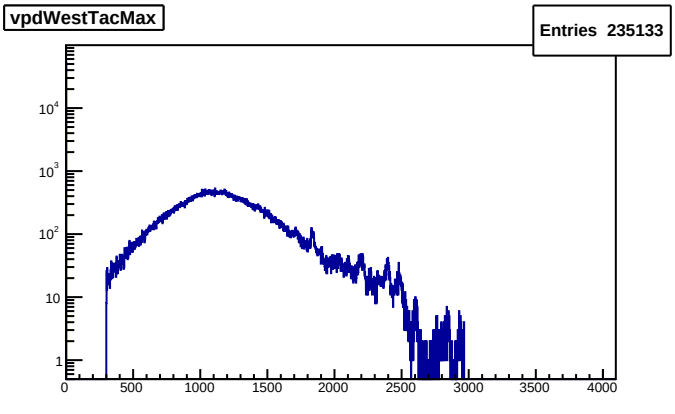

vpdEastAdcSumVsSimu
Entries 187633
Data
Simu

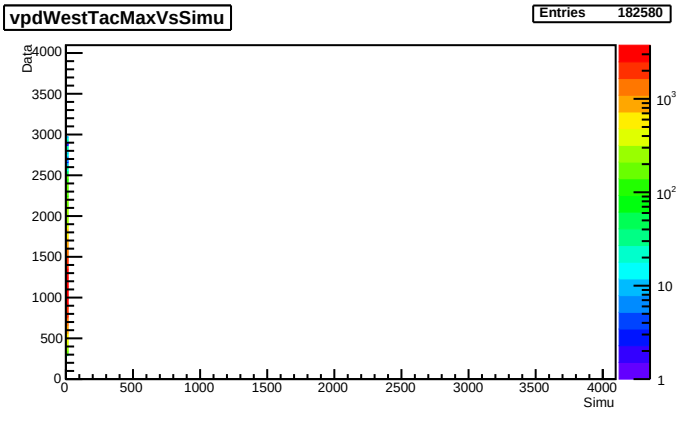

vpdEastTacMax
Entries 235133

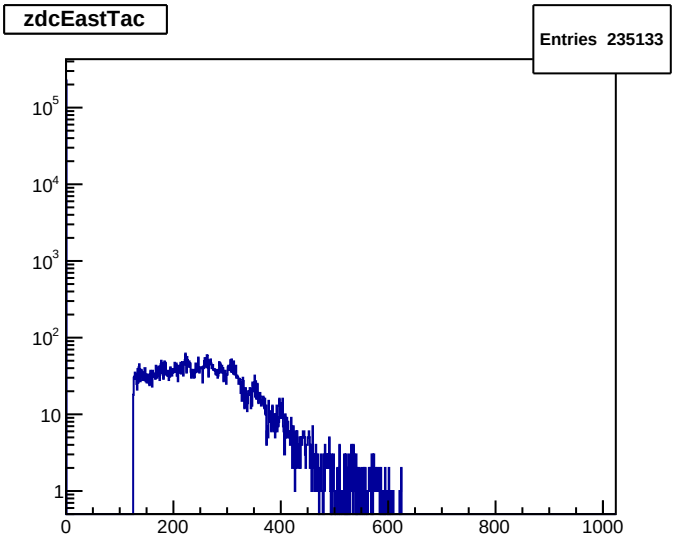

vpdEastTacMaxVsSimu
Entries 187633
Data
Simu

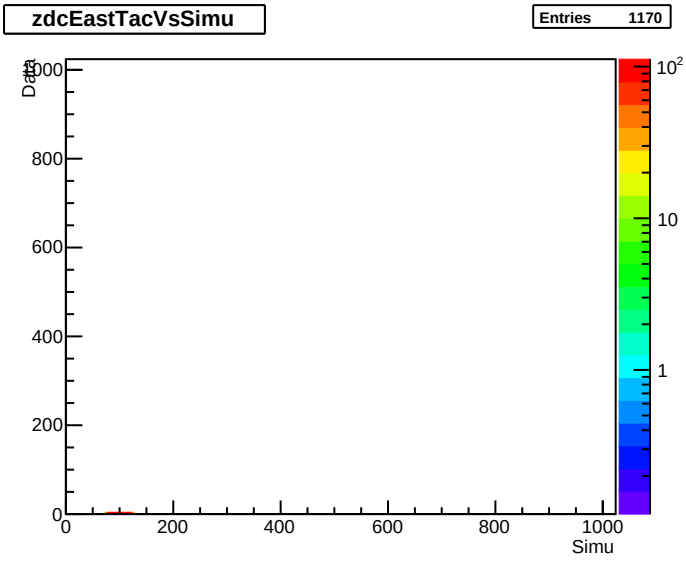

vpdWestAdcSum
Entries 235133

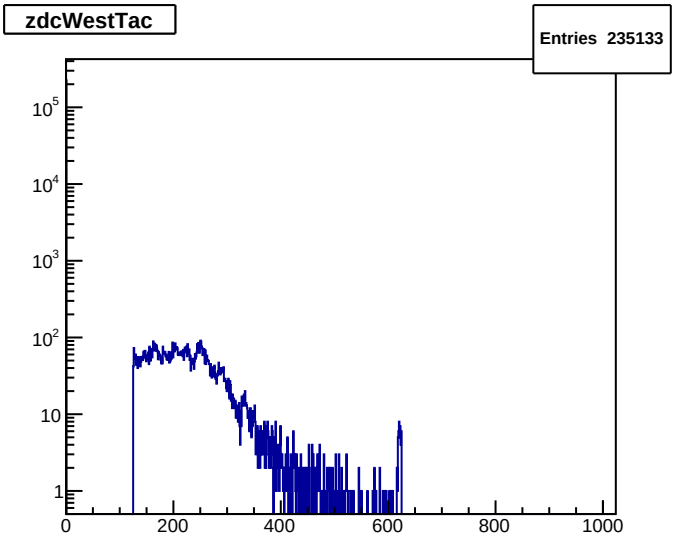

vpdWestAdcSumVsSimu
Entries 182580
Data
Simu

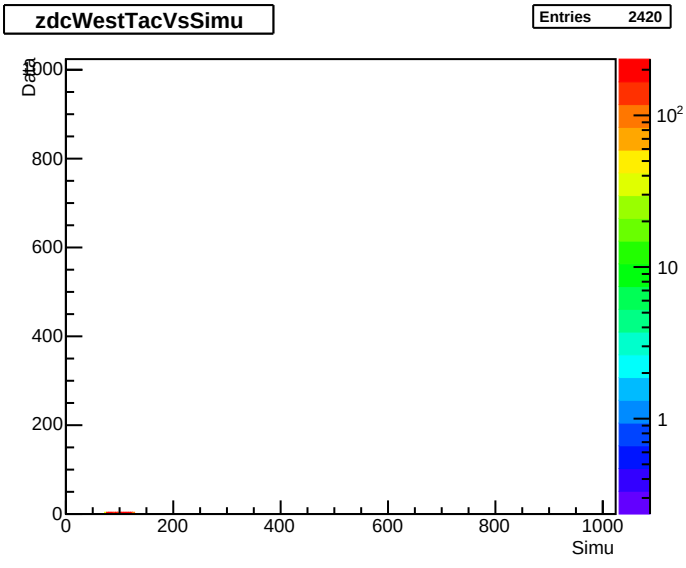

vpdWestTacMax
Entries 235133

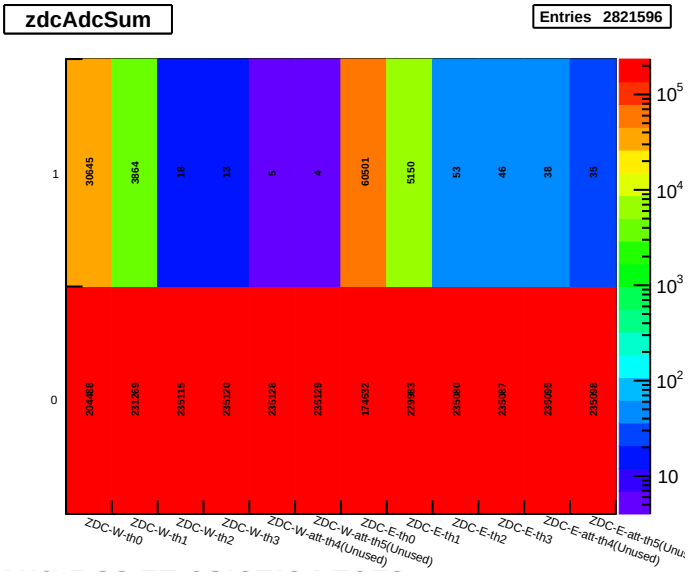

vpdWestTacMaxVsSimu
Entries 182580
Data
Simu

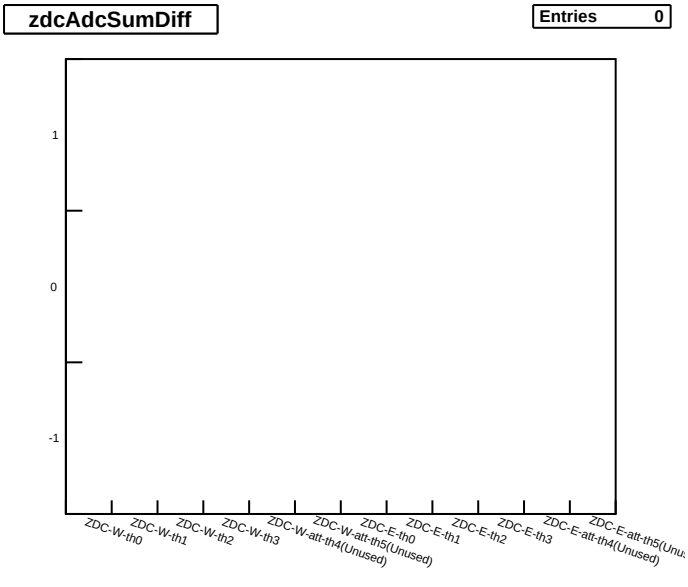

zdcEastTac
Entries 235133

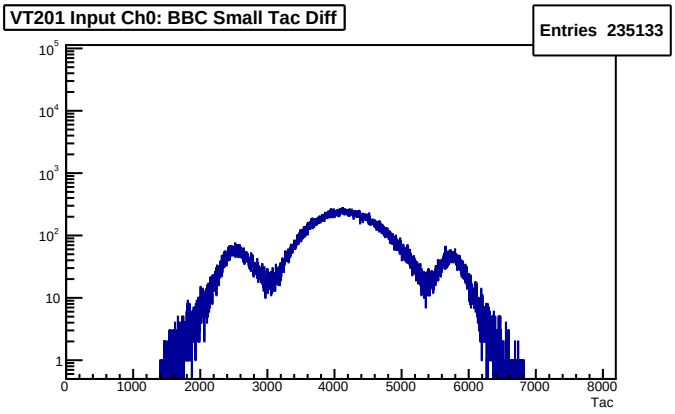

zdcEastTacVsSimu
Entries 1170
Data
Simu

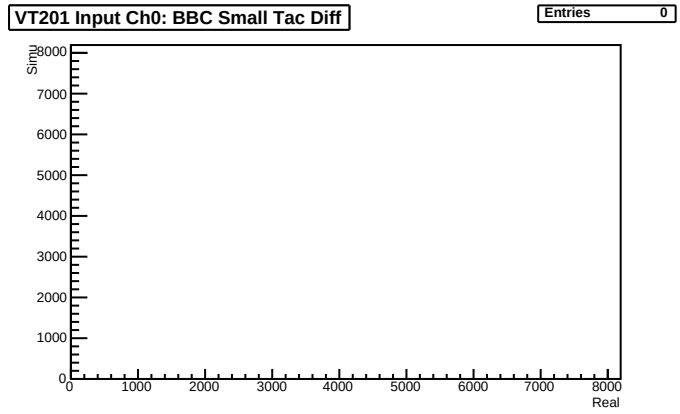

zdcWestTac
Entries 235133

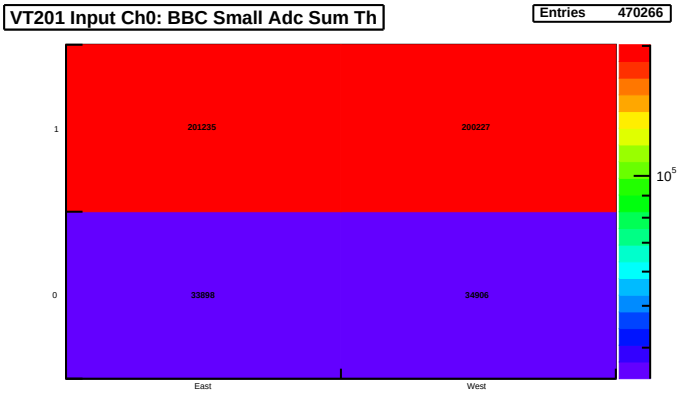

zdcWestTacVsSimu
Entries 2420
Data
Simu

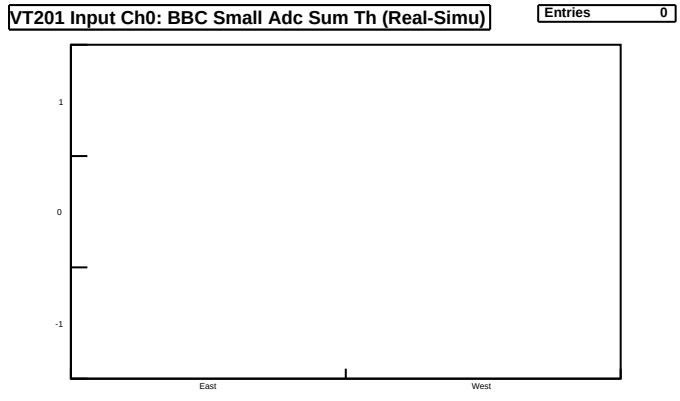

zdcAdcSum
Entries 2821596
30645
3864
18
13
5
4
60501
5150
53
46
38
35
204488
231269
235115
235120
235128
235129
174632
229983
235080
235087
235095
235098
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

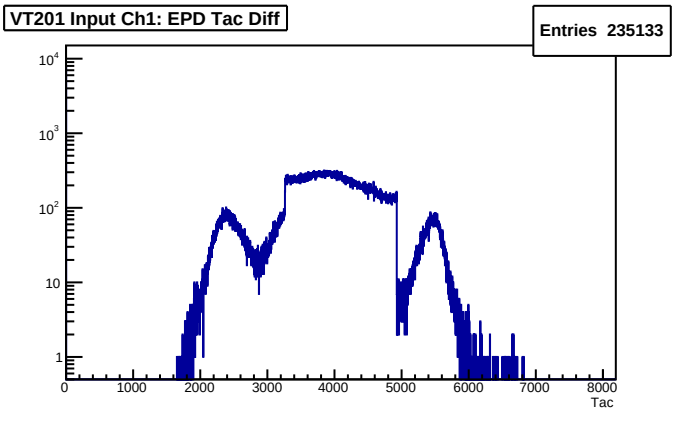

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

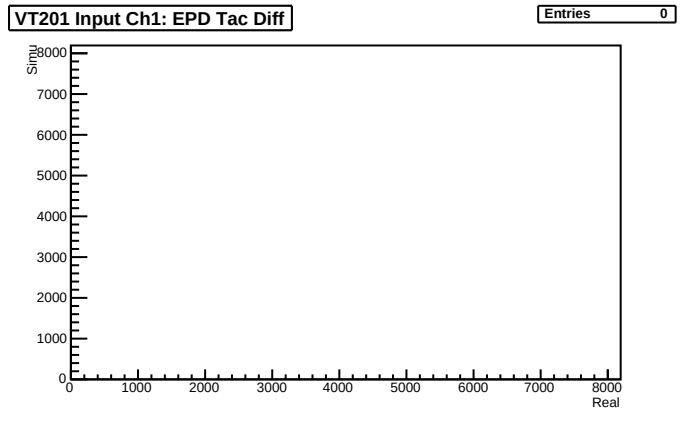

VT201 Input Ch0: BBC Small Tac Diff
Entries 235133
Tac

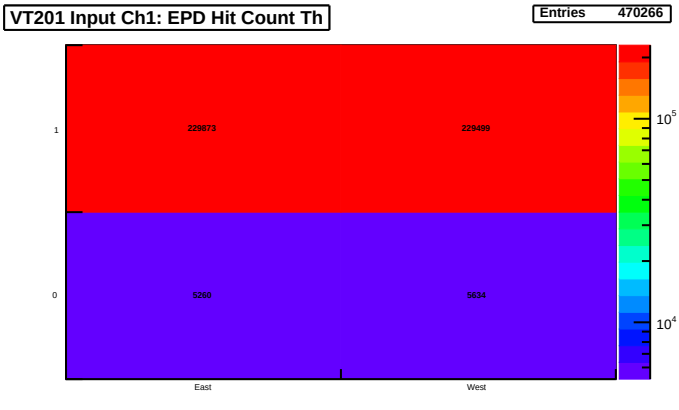

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

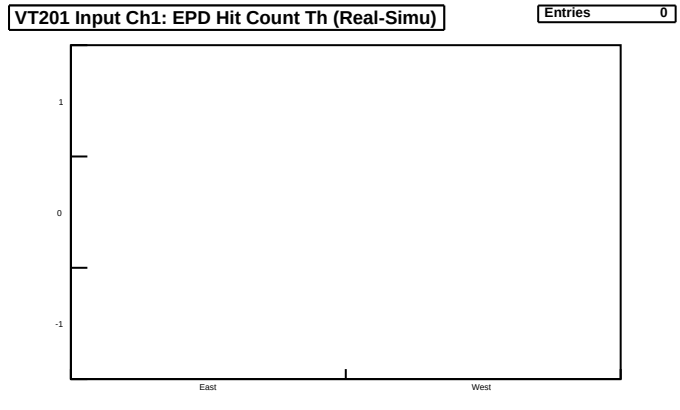

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 470266
201235
200227
33898
34906
East
West

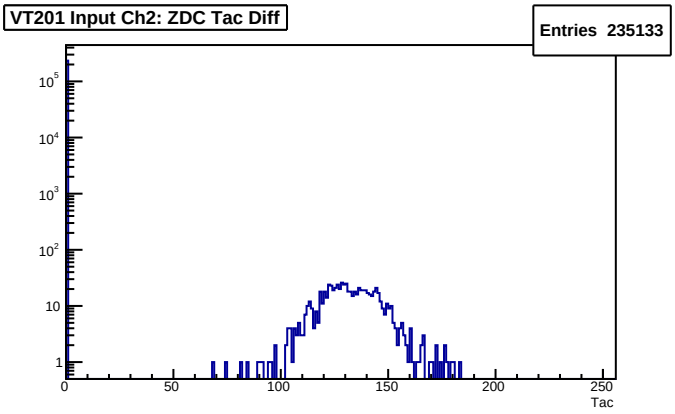

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

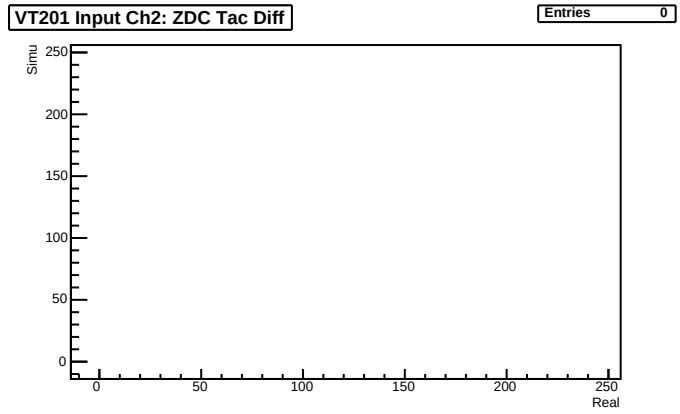

VT201 Input Ch1: EPD Tac Diff
Entries 235133
Tac

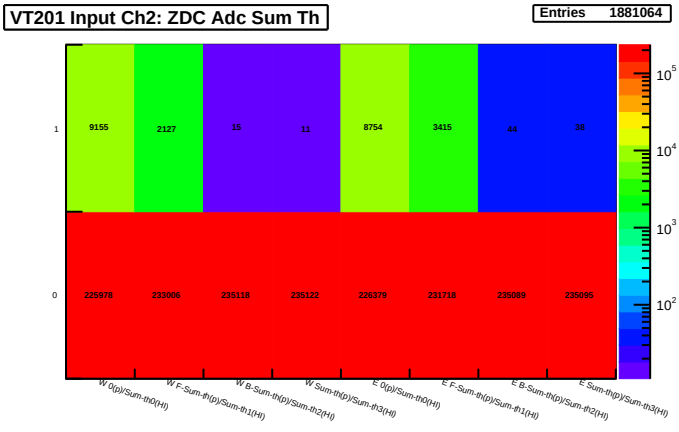

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

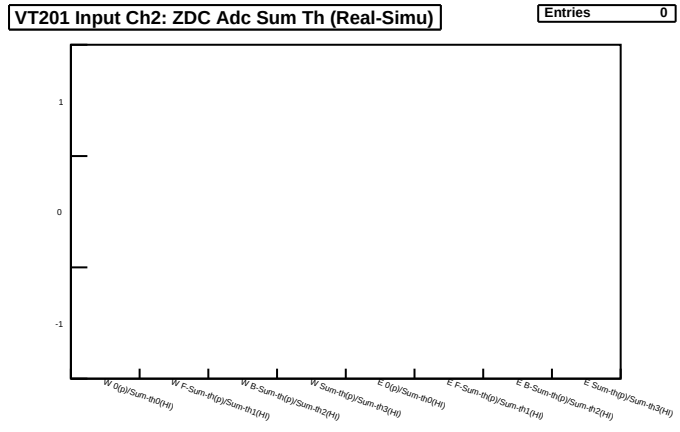

VT201 Input Ch1: EPD Hit Count Th
Entries 470266
229873
229499
5260
5634
East
West

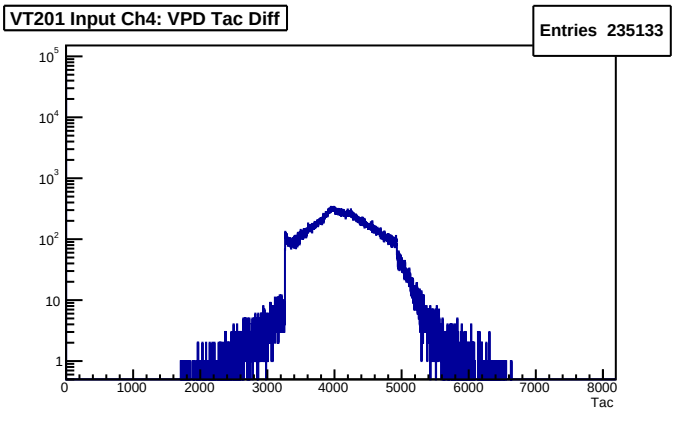

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

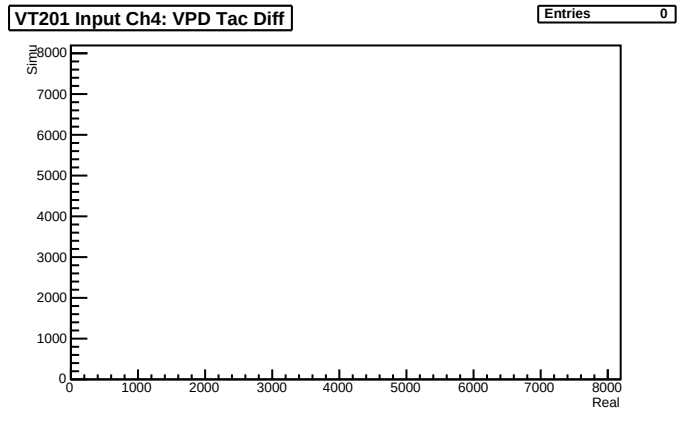

VT201 Input Ch2: ZDC Tac Diff
Entries 235133
Tac

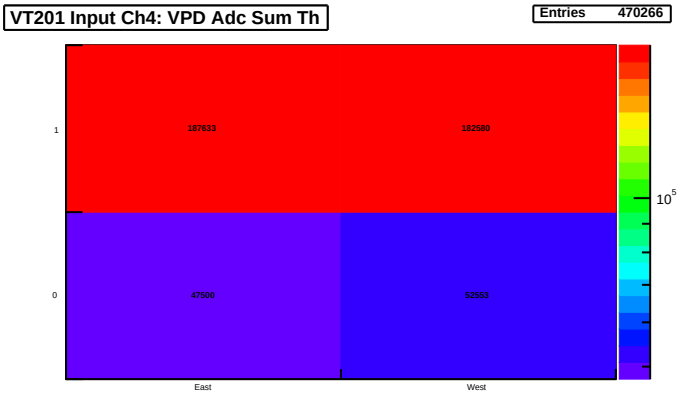

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

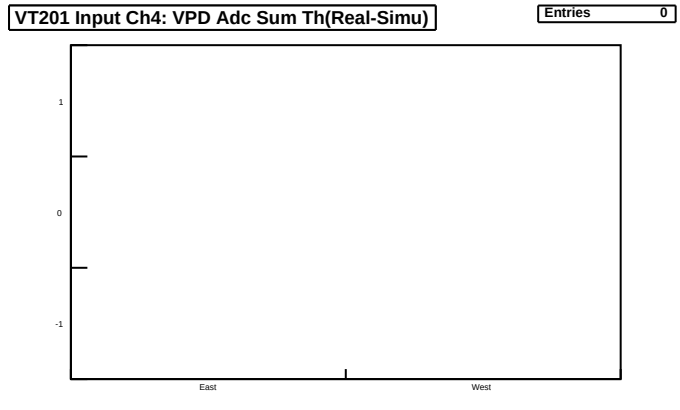

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1881064
9155
2127
15
11
8754
3415
44
38
225978
233006
235118
235122
226379
231718
235089
235095
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

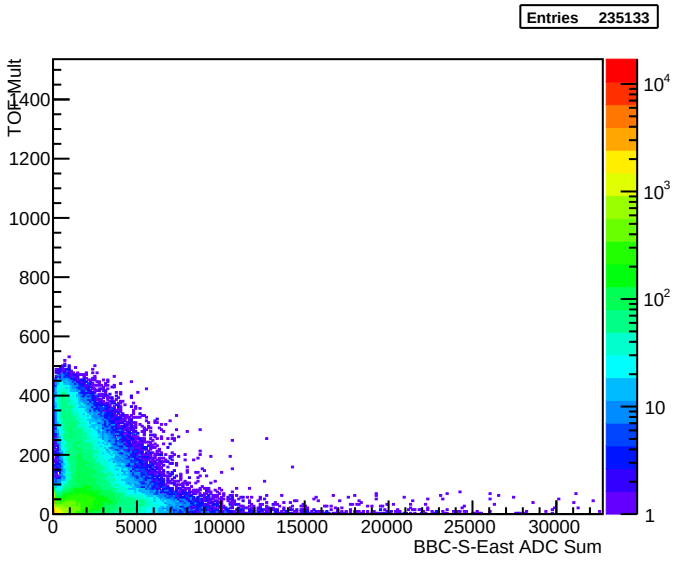

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

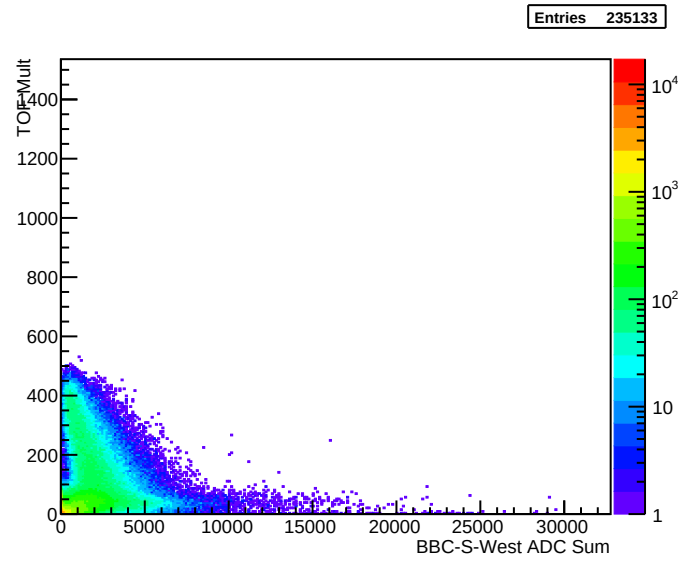

VT201 Input Ch4: VPD Tac Diff
Entries 235133
Tac

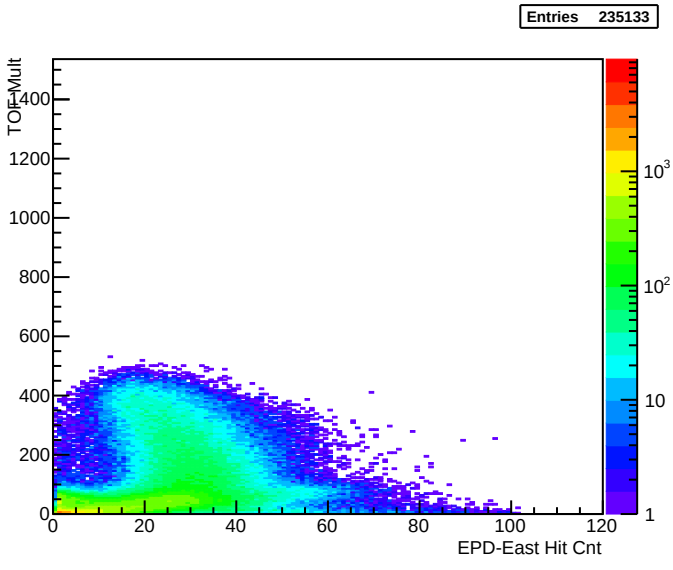

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

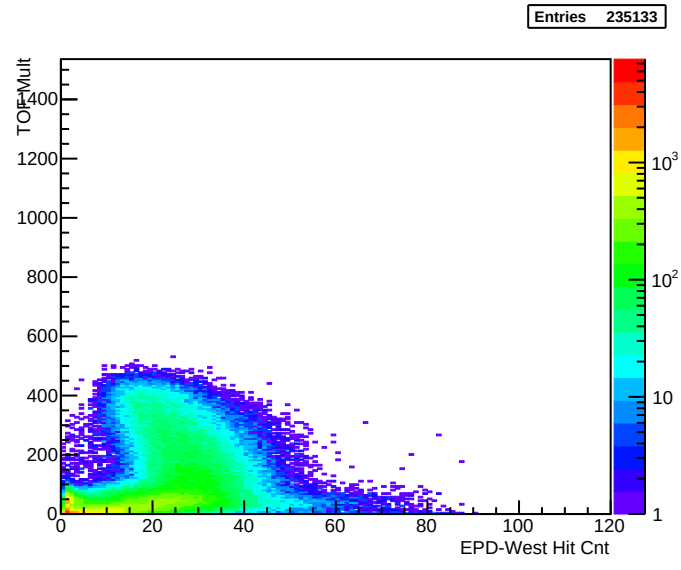

VT201 Input Ch4: VPD Adc Sum Th
Entries 470266
187633
182580
47500
52553
East
West

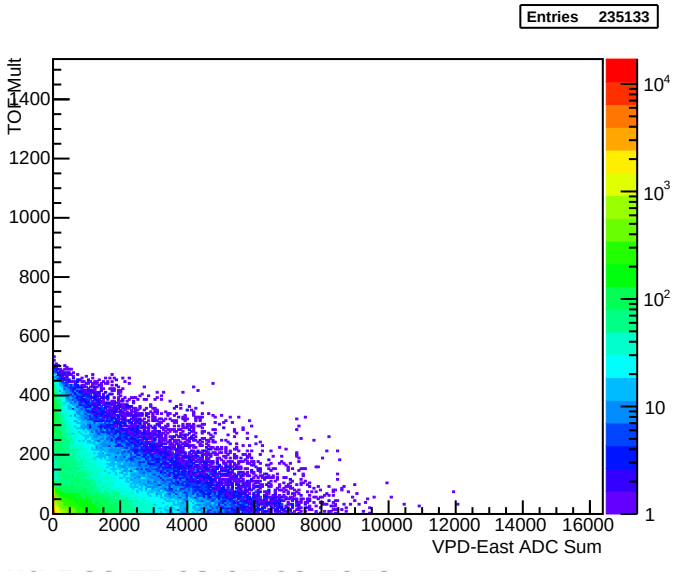

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

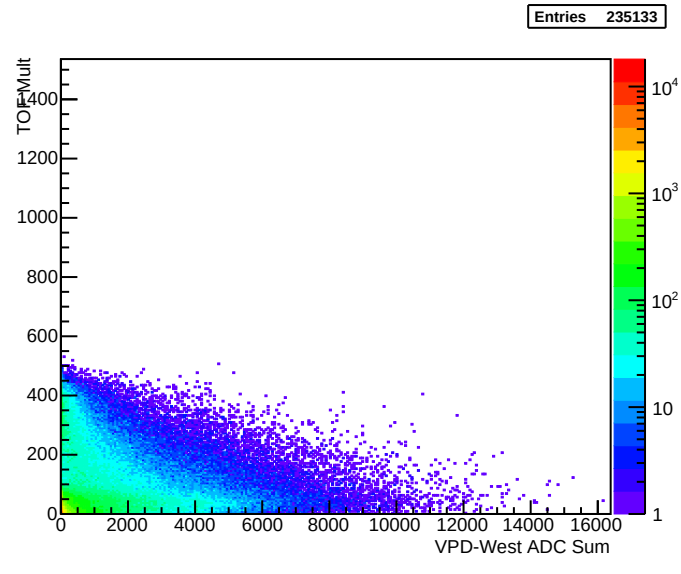

Entries 235133
TOF-Mult
BBC-S-East ADC Sum

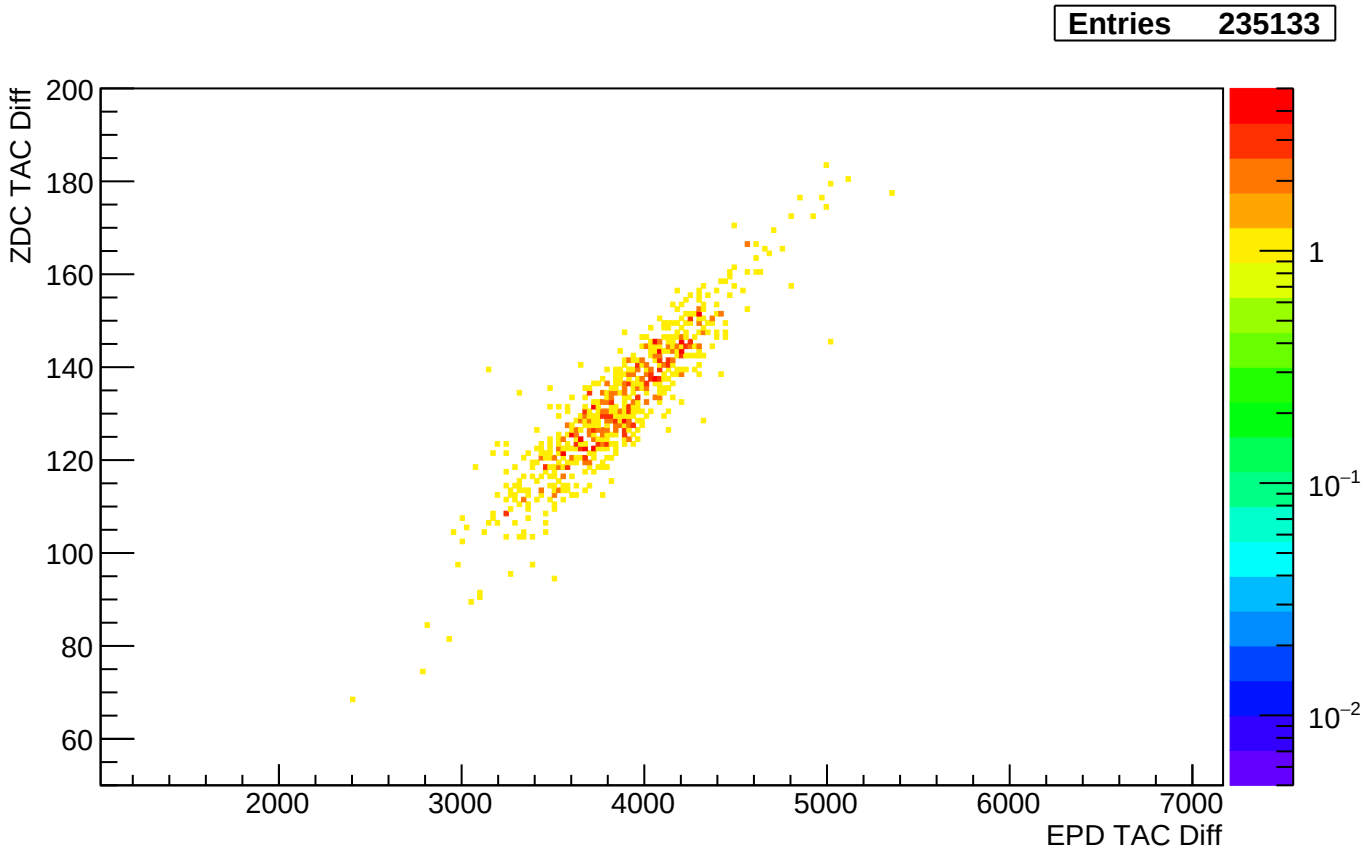

Entries 235133
TOF-Mult
BBC-S-West ADC Sum

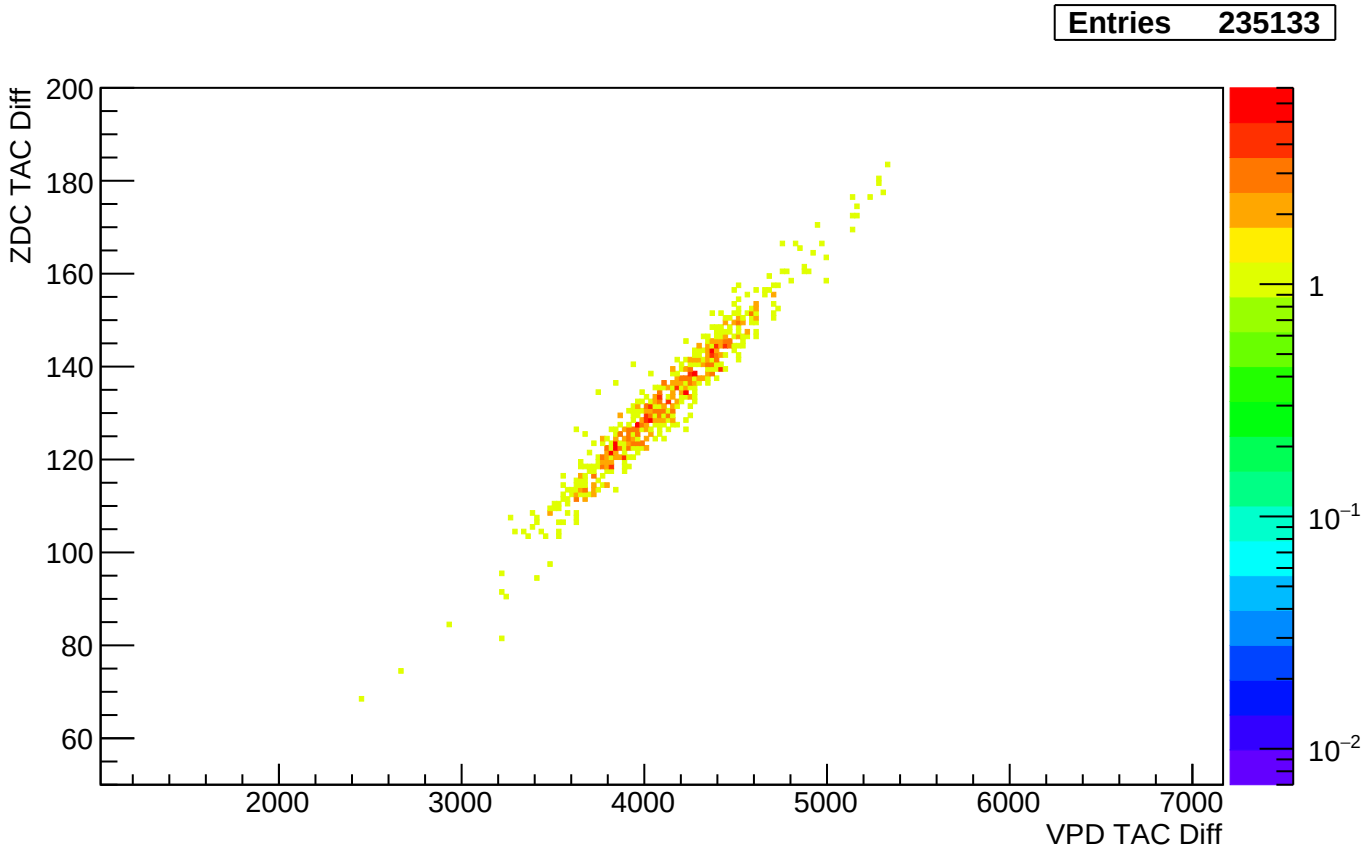

Entries 235133
TOF-Mult
EPD-East Hit Cnt

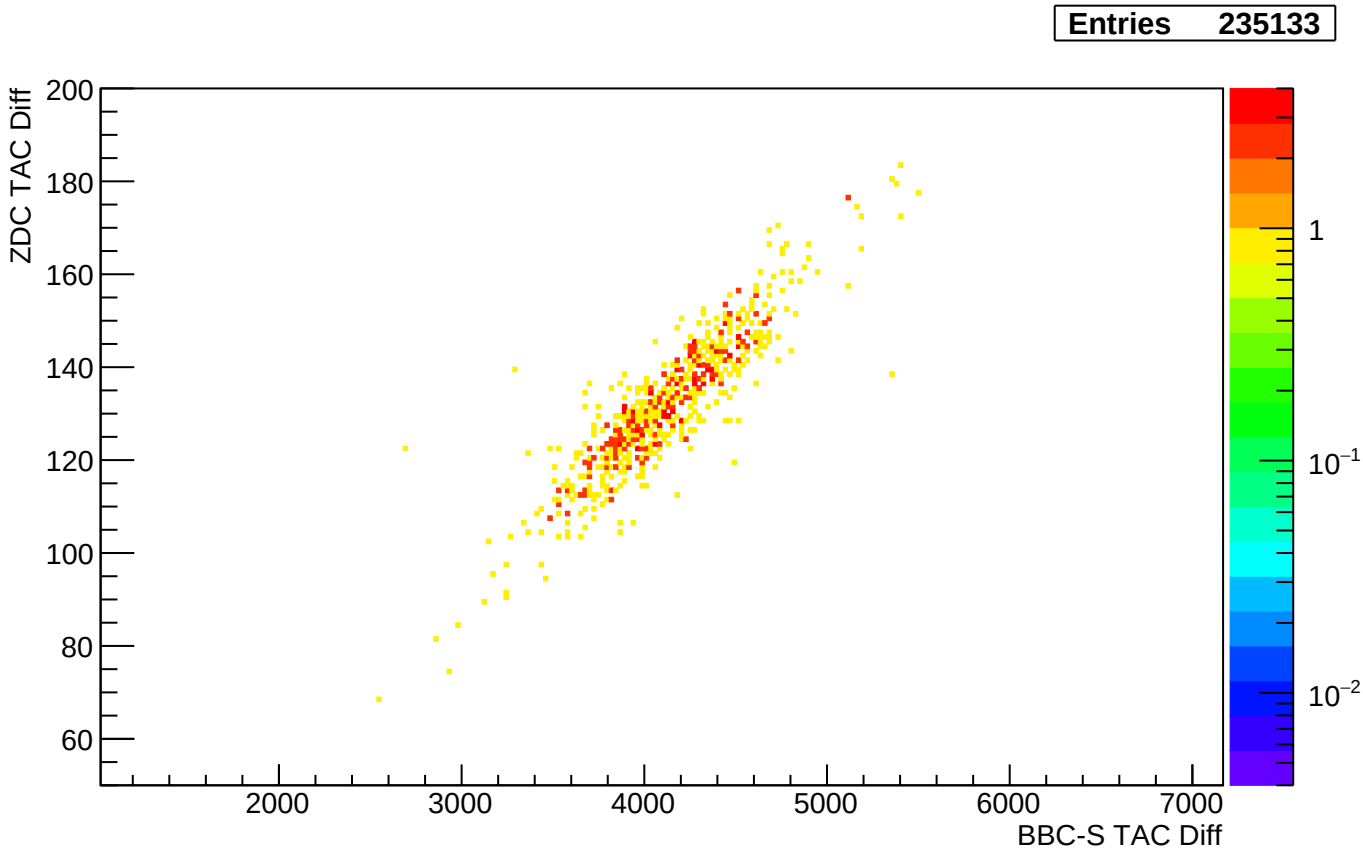

Entries 235133
TOF-Mult
EPD-West Hit Cnt

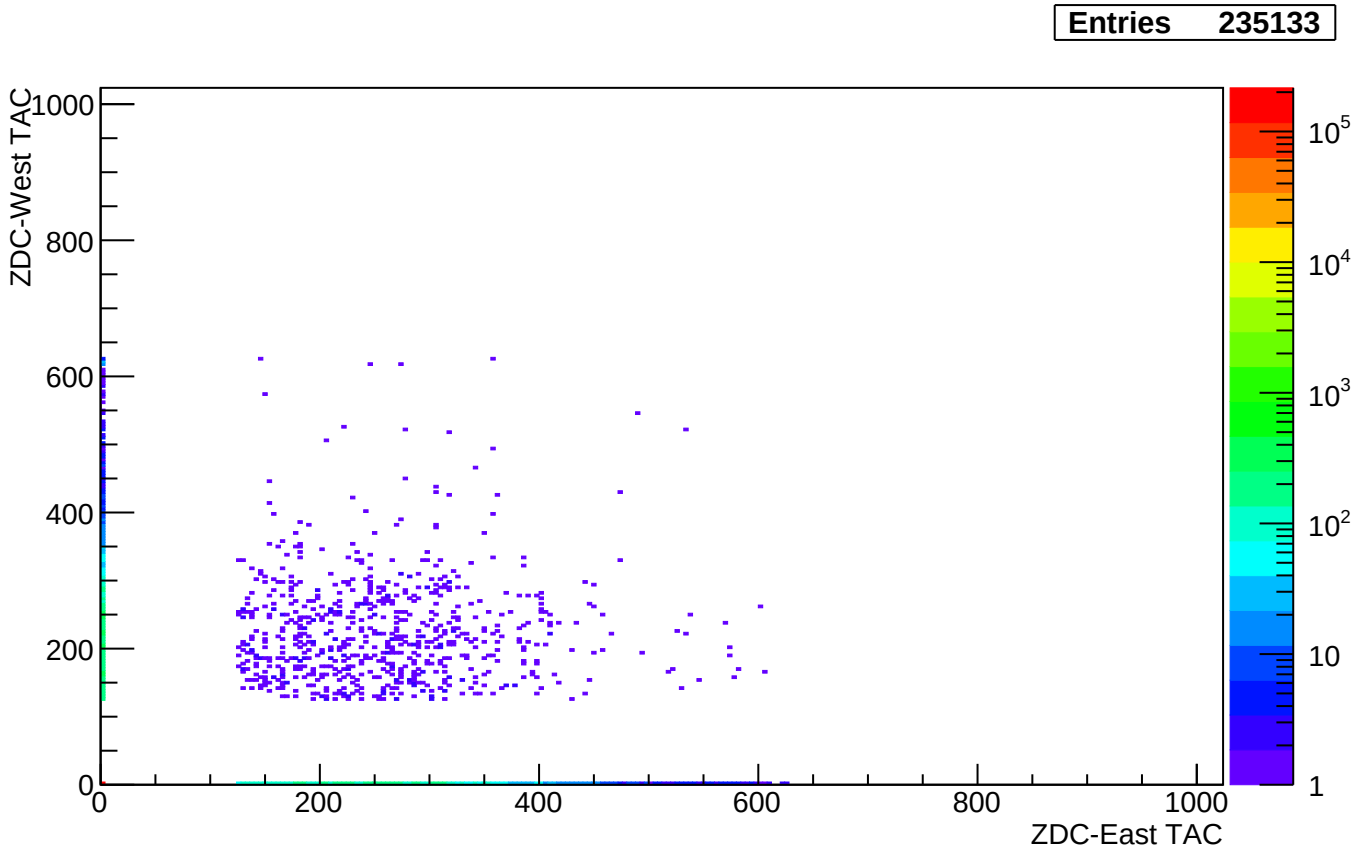

Entries 235133
TOF-Mult
VPD-East ADC Sum

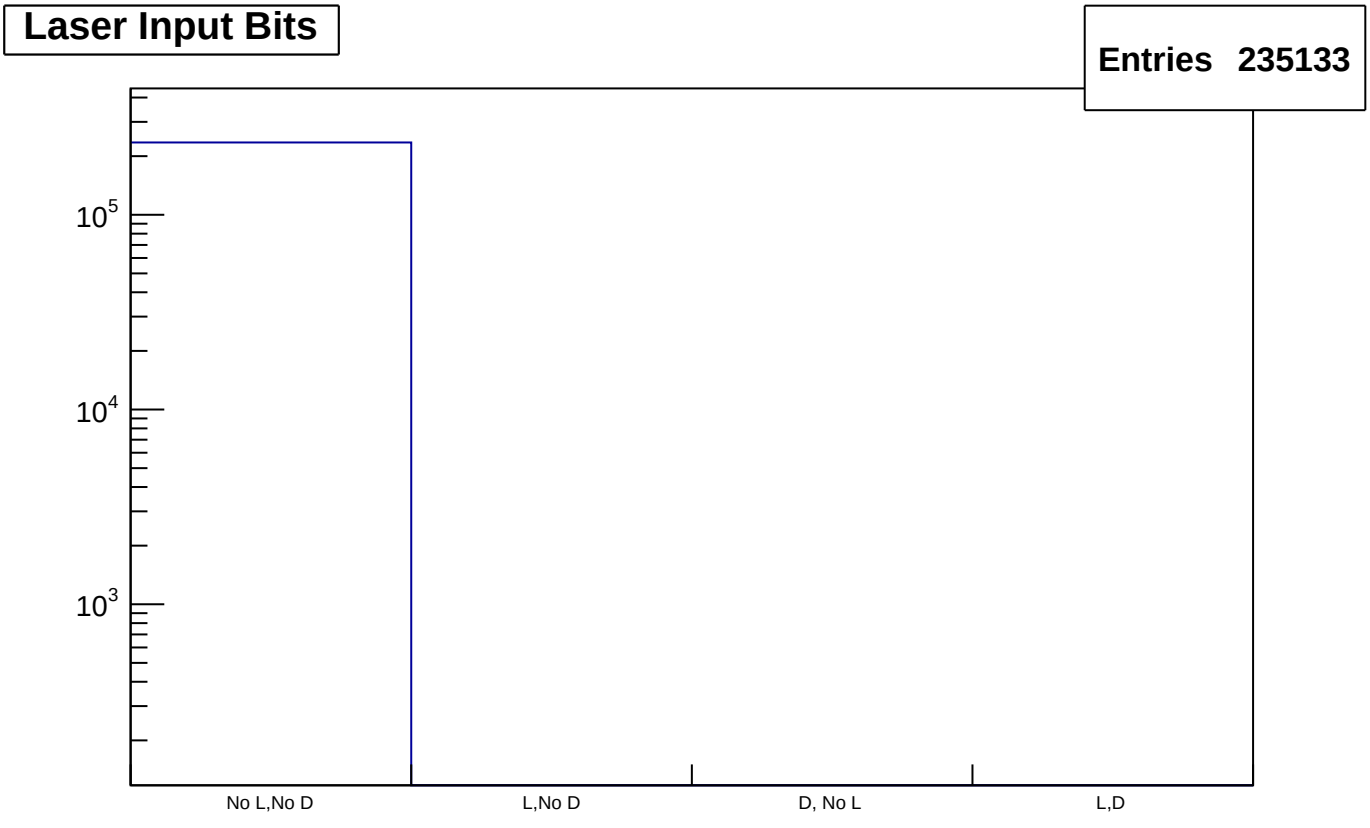

Entries 235133
TOF-Mult
VPD-West ADC Sum

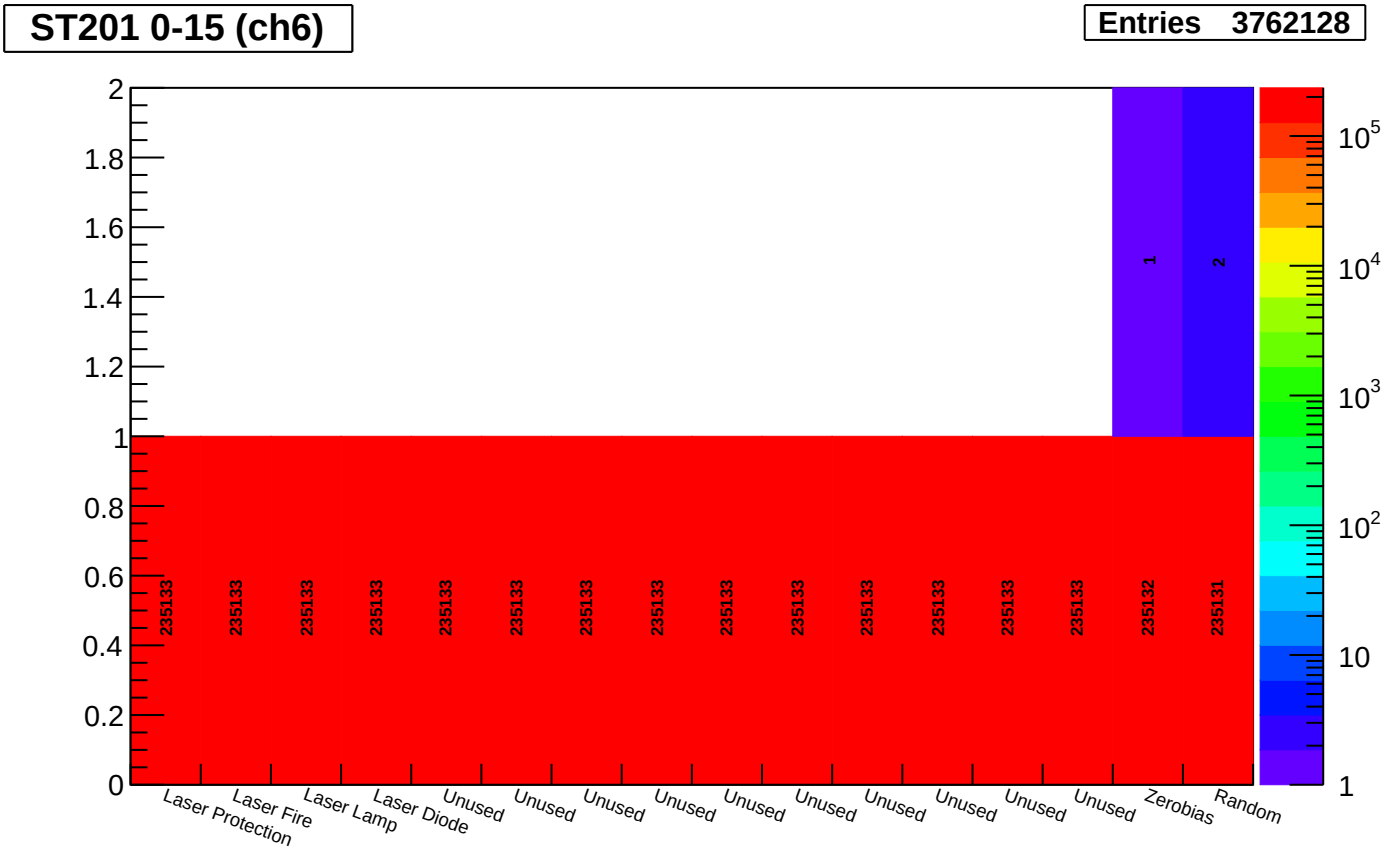

Entries 235133
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

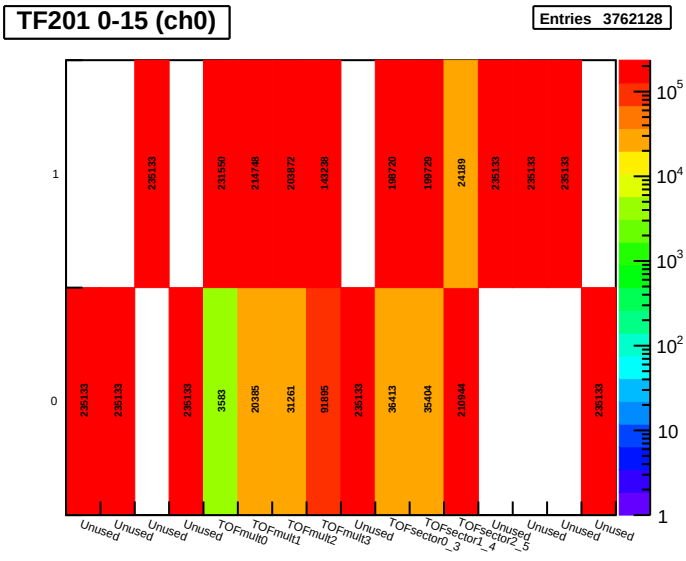

Entries 235133
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

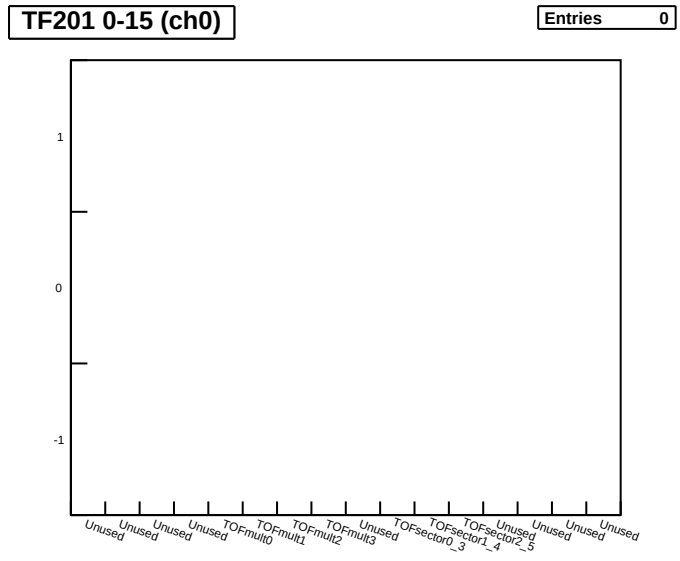

Entries 235133
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

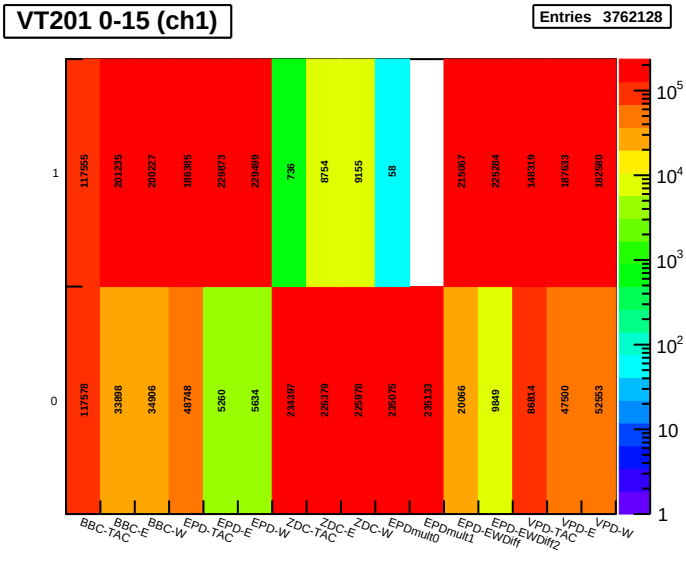

Entries 235133
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

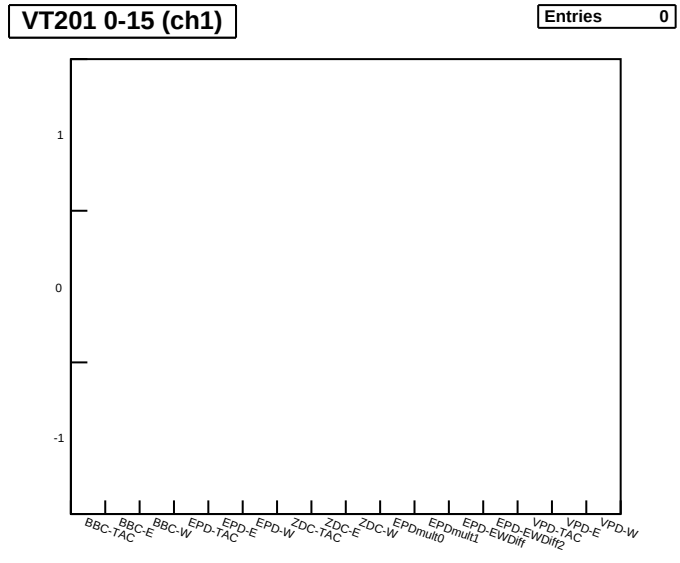

Laser Input Bits
Entries 235133
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

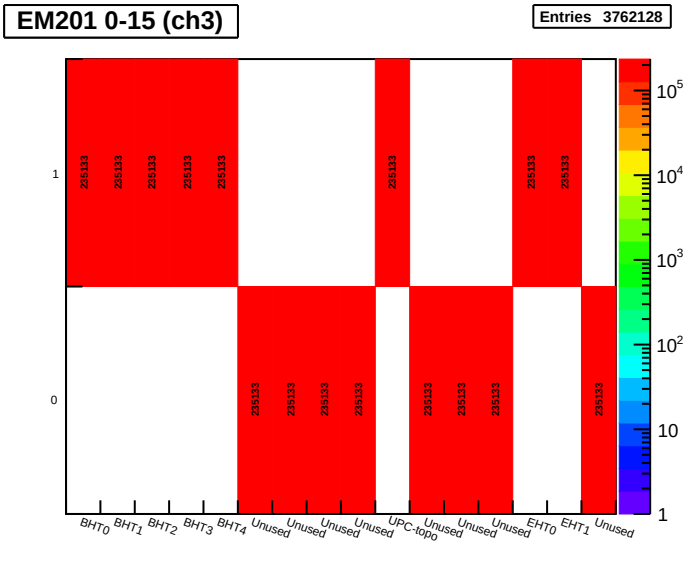

ST201 0-15 (ch6)
Entries 3762128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
235133
235133
235133
235133
235133
235133
235133
235133
235133
235133
235133
235133
235133
235133
235132
235131
1
2
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

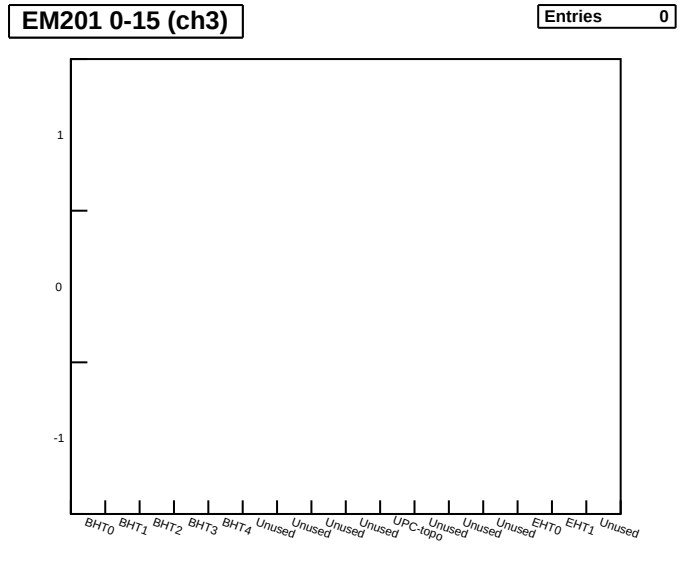

TF201 0-15 (ch0)
Entries 3762128
235133 231550 214748 203872 143238 198720 199729 24189 235133 235133 235133
235133 235133 235133 3583 20385 31261 91895 235133 36413 35404 210944 235133
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


TF201 0-15 (ch0)
Entries 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 3762128
117555 201235 200227 186385 229873 229499 736 8754 9155 58 215067 225284 148319 187633 182580
117578 33898 34906 48748 5260 5634 234397 228379 225078 235075 235133 20066 9849 86814 47500 52553
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 0
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 3762128
235133 235133 235133 235133 235133 235133 235133 235133
235133 235133 235133 235133 235133 235133 235133 235133
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused